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EPHEMERIS OF SATELLITE 1957 ALPHA 2

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EPHEMERIS OF SATELLITE 1957 ALPHA 2

Satellite 1957 Alpha 2 (Sputnik 1) was launched by the USSR on October 4, 1957, and transmitted radio signals during most of the interval from October 4 to October 25, 1957. The Alpha 2 signals are exceptionally interesting for ionospheric investigations because they were transmitted at the relatively low frequencies of 20 and 40 megacycles. The present ephemeris has been prepared for use in these investigations at the request of the Working Group on Satellite and Ionospheric Measurements of the U.S. National Committee for the IGY, pending release of an official 1957 Alpha 2 ephemeris by the USSR.

The ephemeris is based on a combination of minitrack observations and Illinois University interferometer data. Mr. J. T. Mengel of Project Vanguard provided the minitrack data, which were used for the determination of initial approximations to the eccentricity and the perigee altitude. The Illinois University interferometer observations were obtained from Prof. G. Swenson. These give the times of crossing of the 40° North latitude and the corresponding longitudes at those times, and were the basis for the determination of the orbital period and for minor improvements in the approximations to the remaining orbit elements.

The period of the observations is divided into four sections represented by independent sets of orbit elements. Each set of orbit elements has been adjusted to give optimum agreement with the Illinois observations for the corresponding interval. A list of the elements appears in Table 1. The variations in this table are a measure of the probable errors in the determination of the orbit elements.

Tables 2 and 3 list the differences between the ephemeris and the observations with respect to the time of crossing the 40° North parallel of latitude, and the longitude at the time of latitude crossing. The residuals in crossing time have a mean value of 1 second, corresponding to an error of 8 kilometers along the satellite track. The mean residual in longitude is 0.15° , corresponding to a displacement of 10 kilometers in satellite position at 40° North latitude. The perigee altitudes deduced from the minitrack data have a probable error of 10 km. The positional error in the ephemeris is therefore approximately 10 kilometers in all directions.

We wish to thank Mr. Mengel and Prof. Swenson for their kindness in furnishing the records and data used on our calculations. We are also grateful to Mr. William F. Cahill for the preparation of the IBM 704 programs required in the construction of this ephemeris, to Mr. Joseph Wegstein for his collaboration in writing the earlier forms of these programs, to Mr. Clarence Wade, Jr., for his assistance in executing the machine calculations, and to the Applied Mathematics Division of the National Bureau of Standards for its cooperation in providing the operating staff and IBM 704 facilities.

April 1, 1959

Table 1
Orbit Elements Used in the Generation of the Ephemeris

Ephemeris Section

Time: October 1957	5 13 30 01	12 13 34 48	17 01 49 19	21 01 29 38
Period: (Min.)	96.160	95.920	95.748	95.588
Inclination:	65°.1	65°.3	65°.2	65°.0
Perigee: (st. mi.)	151.5	145.5	143.6	140.3
Argument of Perigee:	50°.5	48°.62	47°.40	46°.33
Motion of Perigee:	- °.27/day	- °.27/day	- °.27/day	- °.27/day
Motion of Node:	-3°.19/day	-3°.17/day	- °.16/day	- °.11/day

Table 2
Comparison of the Ephemeris with Observations:
Southbound Passes

Observed Time (October) d h m s	O - C Seconds of Time	O - C Degrees of Longitude
6 13 32 13	-1	- .07
7 13 33 55	-2	- .13
8 13 35 09	-1	- .17
10 13 36 01	0	- .29
11 13 35 41	+2	-1.83
12 11 58 50	-1	-0.38
12 13 34 48	0	0
13 11 57 28	-2	- .04
14 11 55 31	-3	- .08
15 10 17 11	-3	- .09
15 11 53 00	-3	- .10
16 10 14 09	-2	- .13
16 11 49 55	-2	- .13
17 10 10 31	0	+ .01
17 11 46 15	0	+ .03
18 10 06 18	0	+ .01
18 11 42 00	0	0
19 10 01 29	0	0
20 09 56 04	0	0
21 09 50 02	+3	- .02
22 09 43 22	+2	+ .04
23 08 00 34	+1	+ .09
23 08 00 34	+1	+ .09
24 07 52 41	+1	+ .15
24 09 28 08	+1	+ .13
25 07 44 08	+1	+ .18

SATELLITE 1957 ALPHA 2 EPHEMERIS

Each section of the ephemeris is arranged in a table of five columns listing time in days, hours, minutes and seconds; altitude of the satellite above the geoid in statute miles; geocentric latitude of the subsatellite point in degrees and decimal fractions of a degree; longitude of the subsatellite point in degrees and decimal fractions of a degree; and half-revolutions completed by the satellite, numbered from the beginning of each section.

Table 3
Comparison of the Ephemeris with Observations:
Northbound Passes

Observed Time (October) d h m s	O - C Seconds of Time	O - C Degrees of Longitude
7 05 10 56	-2	+ .54
10 03 37 33	+1	+ .95
11 03 37 25	+2	+ .44
12 03 36 44	+1	+ .29
13 01 59 38	+1	+ .13
13 03 35 32	+1	+ .13
14 01 57 54	0	0
14 03 33 46	0	0
15 01 55 36	-1	- .13
15 03 31 26	-1	- .15
16 01 52 45	0	- .25
17 01 49 19	0	0
18 01 45 18	0	- .11
19 01 40 40	0	- .20
19 23 59 50	+1	- .06
20 01 35 28	+1	- .03
20 23 54 03	+1	- .38
21 01 29 38	0	0
21 23 47 38	0	- .05
22 01 23 11	0	- .04
22 23 40 36	0	- .07
23 01 16 06	-1	- .10
23 23 32 55	0	- .11
24 01 08 23	0	- .10
24 23 24 36	+1	- .16
25 01 00 01	0	- .16
25 23 15 37	0	- .21

Section A

4

5	20	0	3	1	1	402.08	22.51	-166.69	8	8	5	22	54	1	188.78	64.44	56.45	11	1	45	1	224.53	-2.83	-64.17	15	
5	20	0	3	1	1	439.62	1.73	-162.38	8	8	5	22	57	1	215.18	84.39	84.03	11	1	45	1	164.31	8.07	-59.84	15	
5	20	0	3	1	1	474.50	3.04	-158.53	8	8	5	23	0	1	246.70	59.54	106.75	11	1	51	1	171.56	19.05	-59.84	15	
5	20	0	3	1	1	505.61	-6.53	-154.83	8	8	5	23	3	1	282.06	51.84	121.90	11	1	54	1	151.25	29.95	-49.62	15	
5	20	12	15	1	1	531.92	-15.94	-151.02	8	8	5	23	3	1	319.95	42.83	131.87	11	1	57	1	151.84	40.54	-42.50	15	
5	20	15	1	1	1	552.51	-25.16	-146.81	8	8	5	23	6	1	PERIOD	96.149	PERIOD	96.149	1	1	6	1	155.30	50.41	-32.50	15
5	20	18	1	1	1	566.64	-34.11	-141.83	8	8	5	23	9	1	359.06	33.27	138.87	12	1	3	1	167.13	58.78	-17.42	15	
5	20	21	1	1	1	573.72	-42.71	-135.54	8	8	5	23	12	1	398.10	23.51	144.19	12	1	6	1	186.50	64.15	5.17	15	
5	20	24	1	1	1	572.36	-50.73	-127.08	8	8	5	23	15	1	435.81	13.74	148.56	12	1	9	1	212.33	64.64	32.73	15	
5	20	27	1	1	1	565.41	-57.76	-115.04	8	8	5	23	18	1	470.99	4.03	152.45	12	1	12	1	243.40	60.19	56.21	15	
5	20	30	1	1	1	549.93	-62.96	-97.74	8	8	5	23	21	1	502.00	-5.56	156.15	12	1	15	1	278.43	52.69	72.03	15	
5	20	33	1	1	1	527.26	-65.10	-75.15	8	8	5	23	24	1	529.31	-14.98	159.94	12	1	18	1	316.11	43.77	82.40	15	
5	20	36	1	1	1	498.04	-63.29	-52.00	8	8	5	23	27	1	550.50	-24.22	164.10	12	1	21	1	355.14	34.24	89.62	16	
5	20	39	1	1	1	483.16	-58.08	-33.65	8	8	5	23	30	1	565.29	-33.21	168.98	12	1	24	1	394.22	24.49	95.07	16	
5	20	42	1	1	1	423.85	-40.69	-20.76	8	8	5	23	33	1	573.09	-41.85	175.09	12	1	27	1	432.09	14.71	99.52	16	
5	20	45	1	1	1	381.61	-41.99	-11.68	8	8	5	23	36	1	573.48	-49.95	-176.71	12	1	30	1	467.54	4.99	103.44	16	
5	20	48	1	1	1	338.15	-32.47	0.42	9	9	5	23	39	1	566.28	-57.11	-165.12	12	1	33	1	499.44	-4.60	107.15	16	
5	20	51	1	1	1	295.39	-22.40	0.97	9	9	5	23	42	1	551.55	-25.55	-148.42	12	1	36	1	526.73	-23.31	115.02	16	
5	20	54	1	1	1	255.29	-11.94	5.11	9	9	5	23	45	1	529.58	-65.05	-126.24	12	1	39	1	548.48	-49.18	133.71	16	
5	20	57	1	1	1	219.78	-1.20	9.43	9	9	5	23	48	1	500.98	-33.65	-103.88	12	1	42	1	563.91	-32.33	125.78	16	
5	21	0	1	1	1	190.55	9.73	13.79	9	9	5	23	51	1	466.64	-58.73	-102.83	12	1	45	1	573.39	-41.01	133.71	16	
5	21	3	1	1	1	168.97	20.70	18.57	9	9	5	23	54	1	427.72	-51.51	-70.50	12	1	48	1	573.39	-41.01	133.71	16	
5	21	6	1	1	1	155.94	31.58	24.28	9	9	5	23	57	1	395.71	-32.91	-61.11	12	1	51	1	563.05	-56.46	144.89	16	
5	21	9	1	1	1	151.84	42.09	31.73	9	9	5	23	60	1	342.31	-33.47	-54.17	13	1	54	1	553.04	-62.12	161.02	16	
5	21	12	1	1	1	156.56	51.80	42.33	9	9	5	23	63	1	299.42	-23.45	-48.67	13	1	57	1	531.76	-64.97	-177.23	16	
5	21	15	1	1	1	169.57	59.83	58.42	9	9	5	23	66	1	258.99	-13.02	-43.98	13	1	60	1	503.77	-63.96	-153.65	16	
5	21	18	1	1	1	189.96	64.57	82.15	9	9	5	23	69	1	222.96	-2.29	-39.64	13	1	63	1	469.95	-59.34	-134.13	16	
5	21	21	1	1	1	64.25	64.25	109.69	9	9	5	23	72	1	193.06	8.62	-35.30	13	1	66	1	431.44	-52.30	-120.25	16	
5	21	24	1	1	1	248.40	59.20	132.01	9	9	5	23	75	1	170.58	19.59	-30.58	13	1	69	1	383.67	-43.81	-103.41	17	
5	21	27	1	1	1	283.93	51.41	146.83	9	9	5	23	78	1	156.80	30.49	-24.99	13	1	72	1	346.35	-34.43	-103.41	17	
5	21	30	1	1	1	321.92	42.35	156.60	9	9	5	23	81	1	151.82	41.05	-17.77	13	1	75	1	263.61	-24.45	-93.05	17	
5	21	33	1	1	1	361.06	32.77	163.49	10	10	5	23	84	1	155.70	50.87	-7.58	13	1	78	1	226.10	-3.36	-88.70	17	
5	21	36	1	1	1	400.08	23.01	168.75	10	10	5	23	87	1	167.92	59.14	7.83	13	1	81	1	195.56	17.54	-84.37	17	
5	21	39	1	1	1	437.70	13.24	173.09	10	10	5	23	90	1	187.62	64.30	30.79	13	1	84	1	172.43	18.52	-79.71	17	
5	21	42	1	1	1	472.74	3.54	176.96	10	10	5	23	93	1	212.74	64.53	58.38	13	1	87	1	157.71	29.43	-74.23	17	
5	21	45	1	1	1	504.05	-6.04	-179.34	10	10	5	23	96	1	245.03	59.87	81.48	13	1	90	1	151.88	40.04	-67.21	17	
5	21	48	1	1	1	530.61	-15.46	-175.54	10	10	5	23	99	1	280.23	52.27	96.97	13	1	93	1	154.93	49.96	-57.40	17	
5	21	51	1	1	1	551.50	-24.69	-171.36	10	10	5	23	102	1	318.01	43.30	107.13	13	1	96	1	166.38	58.43	-42.63	17	
5	21	54	1	1	1	565.97	-33.66	-166.43	10	10	5	23	105	1	357.08	33.76	114.24	14	1	99	1	185.42	63.99	-20.42	17	
5	21	57	1	1	1	573.41	-42.28	-160.23	10	10	5	23	108	1	396.14	24.01	119.63	14	1	102	1	210.96	64.74	7.10	17	
5	22	0	1	1	1	573.43	-50.34	-151.90	10	10	5	23	111	1	433.94	14.23	124.04	14	1	105	1	241.80	60.49	30.93	17	
5	22	3	1	1	1	565.86	-57.43	-140.10	10	10	5	23	114	1	469.26	4.52	127.94	14	1	108	1	276.67	53.10	47.09	17	
5	22	6	1	1	1	550.75	-62.76	-123.09	10	10	5	23	117	1	500.97	-5.08	131.65	14	1	111	1	314.24	44.22	57.67	17	
5	22	9	1	1	1	528.44	-65.08	-100.71	10	10	5	23	120	1	528.02	-14.51	135.43	14	1	114	1	353.22	34.71	65.01	18	
5	22	12	1	1	1	498.53	-63.47	-77.42	10	10	5	23	123	1	549.49	-23.76	139.56	14	1	117	1	392.32	24.97	70.52	18	
5	22	15	1	1	1	464.92	-58.41	-58.77	10	10	5	23	126	1	564.69	-33.76	144.39	14	1	120	1	430.26	15.19	75.00	18	
5	22	18	1	1	1	425.81	-51.10	-45.63	10	10	5	23	129	1	572.75	-41.43	150.43	14	1	123	1	465.85	5.47	78.94	18	
5	22	21	1	1	1	303.68	-42.65	-36.39	10	10	5	23	132	1	573.51	-45.56	158.49	14	1	126	1	497.93	-4.14	82.65	18	
5	22	24	1	1	1	340.25	-32.97	-29.55	11	11	5	23	135	1	566.68	-56.78	169.87	14	1	129	1	525.45	-13.59	86.41	18	
5	22	27	1	1	1	297.41	-24.11	-24.11	11	11	5	23	138	1	552.31	-62.34	173.71	14	1	132	1	547.47	-22.86	90.50	18	
5	22	30	1	1	1	257.15	-12.48	-19.44	11	11	5	23	141	1	502.40	-65.02	151.75	14	1	135	1	563.21	-31.89	95.24	18	
5	22	33	1	1	1	221.38	-1.75	-15.11	11	11	5	23	144	1	468.31	-63.81	128.24	14	1	138	1	572.03	-40.60	101.13	18	
5	22	36	1	1	1	191.81	9.17	-10.76	11	11	5	23	147	1	429.60	-59.04	109.01	14	1	141	1	573.50	-48.80	108.95	18	
5	22	39	1	1	1	169.83	20.15	-6.01	11	11	5	23	150	1	387.71	-51.91	95.37	14	1	144	1	567.40	-56.13	119.93	18	
5	22	42	1	1	1	156.36	31.03	-0.36	11	11	5	23	153	1	343.36	-43.36	-85.82	14	1	147	1	553.74	-61.90	135.79	18	
5	22	45	1	1	1	151.82	41.57	6.08	11	11	5	23	156	1	343.35	-33.95	-78.79	15	1	150	1	532.79	-64.92	157.30	18	
5	22	48	1	1	1	156.12	17.37	17.37	11	11	5	23	159	1	301.39	-23.95	-73.24	15	1	153	1	532.79	-64.92	157.30	18	
5	22	51	1	1	1	168.73	33.11	33.11	11	11	5	23	162	1	260.81	-13.54	-68.52	15	1	156	1	532.79	-64.92	157.30	18	

6	4	36	1	505.11	-64.10	-179.05	18	6	7	27	1	545.46	-21.99	41.45	22	PERIOD	96.133	6	10	21	1	345.88	36.52	-33.46	26
6	4	39	1	471.55	-59.63	-159.25	18	6	7	30	1	561.79	-31.05	46.18	22			6	10	24	1	385.00	26.80	-27.68	26
6	4	42	1	433.23	-52.68	-145.12	18	6	7	33	1	571.26	-39.79	51.86	22			6	10	27	1	422.20	17.02	-19.04	26
6	4	45	1	391.60	-44.24	-135.25	18	6	7	36	1	573.42	-55.49	59.46	22			6	10	30	1	459.26	7.28	-15.30	26
6	4	48	1	348.31	-34.89	-128.03	19	6	7	39	1	568.01	-55.45	70.08	22			6	10	33	1	492.02	-2.35	-11.57	26
6	4	51	1	305.25	-24.94	-122.36	19	6	7	42	1	555.05	-64.79	85.41	22			6	10	36	1	520.40	-21.14	-7.57	26
6	4	54	1	264.58	-14.57	-111.58	19	6	7	45	1	537.76	-64.79	106.45	22			6	10	39	1	543.45	-30.22	-2.98	26
6	4	57	1	227.84	-7.88	-108.90	19	6	7	48	1	507.68	-64.35	130.18	22			6	10	42	1	560.36	-39.00	2.66	26
6	5	0	1	196.80	3.01	-100.26	19	6	7	51	1	476.63	-60.18	150.50	22			6	10	45	1	570.45	-47.31	10.03	26
6	5	3	1	173.31	17.99	-98.84	19	6	7	54	1	436.71	-53.41	165.13	22			6	10	48	1	573.27	-47.31	10.03	26
6	5	6	1	158.18	28.91	-91.92	19	6	7	57	1	395.33	-45.08	175.32	22			6	10	51	1	568.54	-54.85	20.31	26
6	5	9	1	151.94	39.54	-82.27	19	6	7	60	1	352.14	-35.80	187.25	22			6	10	54	1	556.25	-60.99	35.13	26
6	5	12	1	134.58	49.51	-67.81	19	6	7	63	1	309.00	-25.90	171.48	23			6	10	57	1	536.60	-64.63	55.70	26
6	5	15	1	165.66	58.07	-45.98	19	6	8	6	1	267.87	-4.89	162.25	23			6	10	60	1	510.11	-64.56	79.44	26
6	5	18	1	184.36	63.82	-33.82	19	6	8	9	1	230.70	5.99	157.94	23			6	11	3	1	477.56	-60.69	100.26	26
6	5	21	1	209.62	64.83	-18.53	19	6	8	12	1	199.27	16.96	153.35	23			6	11	6	1	440.04	-54.10	115.38	26
6	5	24	1	240.24	60.79	5.65	19	6	8	15	1	159.16	27.89	148.02	23			6	11	9	1	398.92	-45.88	125.91	26
6	5	27	1	274.94	53.50	22.15	19	6	8	18	1	152.11	38.57	141.28	23			6	11	12	1	355.84	-36.68	133.52	27
6	5	30	1	312.41	44.67	32.93	19	6	8	21	1	153.96	48.62	131.97	23			6	11	15	1	312.64	-26.82	139.42	27
PERIOD	96.139							PERIOD	96.135									6	11	18	1	271.27	-16.51	144.32	27
6	5	33	1	351.34	35.17	40.39	20	6	8	24	1	164.30	57.36	-118.07	23			6	11	21	1	233.69	-5.87	148.74	27
6	5	36	1	390.45	25.44	45.97	20	6	8	27	1	182.34	63.45	-96.99	23			6	11	24	1	201.70	4.99	153.04	27
6	5	39	1	428.46	15.66	50.49	20	6	8	30	1	207.04	64.97	-69.74	23			6	11	27	1	176.83	15.97	157.59	27
6	5	42	1	464.17	5.93	54.44	20	6	8	33	1	237.22	61.34	-44.91	23			6	11	30	1	160.18	26.91	162.82	27
6	5	45	1	496.43	-3.68	58.16	20	6	8	36	1	271.58	54.27	-77.74	23			6	11	33	1	152.34	37.62	169.40	27
6	5	48	1	524.17	-13.14	61.91	20	6	8	39	1	308.83	45.53	-16.54	23			6	11	36	1	154.42	47.75	178.41	27
6	5	51	1	546.46	-22.42	65.97	20	6	8	42	1	347.67	36.08	-8.84	24			6	11	39	1	163.04	56.65	-168.22	27
6	5	54	1	562.50	-31.47	70.68	20	6	8	45	1	386.79	26.36	-3.13	24			6	11	42	1	180.44	63.06	-147.85	27
6	5	57	1	571.65	-40.19	76.50	20	6	8	48	1	424.93	16.57	1.47	24			6	11	45	1	204.60	65.05	-95.49	27
6	6	0	1	573.47	-48.42	84.20	20	6	8	51	1	460.88	6.84	5.46	24			6	11	48	1	234.33	61.84	-77.63	27
6	6	3	1	567.72	-55.81	94.99	20	6	8	54	1	493.47	-12.79	9.18	24			6	11	51	1	268.36	55.00	-46.00	27
6	6	6	1	554.41	-61.67	110.58	20	6	8	57	1	521.65	-22.56	12.92	24			6	11	54	1	305.39	46.36		
6	6	9	1	532.79	-64.86	131.86	20	6	9	0	1	544.45	-21.56	16.94	24	PERIOD	96.130	6	11	57	1	344.12	36.95	-58.07	28
6	6	12	1	506.42	-64.23	155.56	20	6	9	3	1	561.07	-30.63	21.57	24			6	11	60	1	382.24	27.24	-52.22	28
6	6	15	1	473.11	-59.91	175.63	20	6	9	6	1	570.86	-39.39	27.26	24			6	12	3	1	421.50	17.46	-47.55	28
6	6	18	1	434.99	-53.05	170.00	20	6	9	9	1	573.35	-47.68	34.74	24			6	12	6	1	457.66	7.72	-43.52	28
6	6	21	1	392.88	-44.66	159.96	20	6	9	12	1	568.29	-55.17	45.18	24			6	12	9	1	490.58	-1.92	-39.78	28
6	6	24	1	350.25	-35.35	152.64	21	6	9	15	1	555.66	-61.22	60.26	24			6	12	12	1	519.16	-11.41	-36.05	28
6	6	27	1	307.14	-25.43	146.92	21	6	9	18	1	555.66	-61.22	60.26	24			6	12	15	1	542.46	-20.73	-32.07	28
6	6	30	1	266.14	-15.06	142.11	21	6	9	21	1	535.70	-64.71	81.06	24			6	12	18	1	559.63	-27.51	-27.51	28
6	6	33	1	229.18	-4.39	137.73	21	6	9	24	1	508.92	-64.66	104.80	24			6	12	21	1	570.03	-38.61	-21.94	28
6	6	36	1	198.04	6.49	133.42	21	6	9	27	1	476.11	-60.44	125.38	24			6	12	24	1	573.17	-46.95	-14.66	28
6	6	39	1	174.19	17.47	128.81	21	6	9	30	1	438.40	-53.76	140.25	24			6	12	27	1	568.77	-54.54	-4.55	28
6	6	42	1	158.67	28.40	123.43	21	6	9	33	1	397.15	-45.49	150.61	24			6	12	30	1	556.81	-60.76	10.04	28
6	6	45	1	132.02	39.05	116.61	21	6	9	36	1	354.01	-36.44	158.13	25			6	12	33	1	537.47	-64.54	30.36	28
6	6	48	1	104.26	48.06	107.13	21	6	9	39	1	310.84	-26.36	163.97	25			6	12	36	1	511.27	-64.65	54.09	28
6	6	51	1	164.97	57.72	92.95	21	6	9	42	1	269.58	-16.04	168.84	25			6	12	39	1	478.97	-60.93	75.14	28
6	6	54	1	183.33	63.64	71.50	21	6	9	45	1	232.20	-5.38	173.24	25			6	12	42	1	441.65	-54.44	90.50	28
6	6	57	1	208.32	64.91	44.14	21	6	9	48	1	200.49	5.98	177.55	25			6	12	45	1	441.65	-54.44	90.50	28
6	6	60	1	238.71	61.07	19.63	21	6	9	51	1	175.95	16.46	177.88	25			6	12	48	1	441.65	-54.44	90.50	28
6	6	63	1	273.24	53.89	-2.79	21	6	9	54	1	159.67	27.40	172.60	25			6	12	51	1	400.66	-46.27	101.20	28
6	6	66	1	310.60	45.10	8.20	21	6	9	57	1	152.42	38.09	165.95	25			6	12	54	1	351.64	-37.10	108.92	29
PERIOD	96.137							PERIOD	96.137									6	12	57	1	314.41	-27.27	114.87	29
6	7	9	1	349.49	35.63	15.77	22	6	10	0	1	153.68	57.01	-143.16	25			6	12	60	1	272.93	-16.97	119.81	29
6	7	12	1	388.60	25.90	21.42	22	6	10	3	1	163.66	63.26	-122.44	25			6	12	63	1	235.16	-6.34	124.24	29
6	7	15	1	426.68	16.12	25.98	22	6	10	6	1	181.37	63.26	-95.32	25			6	12	66	1	202.91	4.51	138.53	29
6	7	18	1	462.51	6.39	29.95	22	6	10	9	1	205.81	65.02	-80.20	25			6	12	69	1	177.71	15.48	133.06	29
6	7	21	1	484.94	-3.23	33.67	22	6	10	12	1	235.76	61.59	-52.68	25			6	12	72	1	160.69	26.43	138.26	29
6	7	24	1	522.90	-12.70	37.42	22	6	10	15	1	269.96	54.64	-41.27	25			6	12	75	1	152.48	37.15	144.75	29

6	13	12	1	133.18	47.32	153.62	29	317.87	-28.14	65.78	33	1	54	1	558.79	-59.83	-90.10	36
6	13	12	1	132.45	56.30	166.75	29	276.19	-17.88	70.79	33	1	54	1	540.67	-64.12	-70.74	36
6	13	12	1	119.53	62.86	-173.23	29	276.19	-17.88	70.79	33	1	54	1	540.67	-64.12	-70.74	36
6	13	21	1	203.42	65.08	-146.43	29	205.09	-3.57	79.54	33	1	54	1	484.25	-64.92	-25.30	36
6	13	24	1	232.93	62.07	-120.77	29	179.47	14.53	84.03	33	1	54	1	447.70	-55.68	-8.98	36
6	13	27	1	266.80	55.35	-102.58	29	161.74	28.49	89.15	33	1	54	1	407.25	-47.75	2.39	36
6	13	30	1	303.72	46.77	-90.74	29	152.79	36.25	95.50	33	1	54	1	364.48	-38.71	10.51	36
PERIOD 96.128																		36
6	13	33	1	362.39	37.38	-82.68	30	152.77	46.48	104.10	33	1	54	1	321.20	-28.97	16.70	37
6	13	36	1	381.52	27.68	-76.76	30	152.77	46.48	104.10	33	1	54	1	279.34	-18.74	21.78	37
6	13	39	1	419.82	17.89	-72.05	30	161.34	55.60	116.77	33	1	54	1	240.86	-8.16	26.26	37
6	13	42	1	456.09	8.15	-68.00	30	177.80	62.44	136.10	33	1	54	1	207.62	2.66	30.56	37
6	13	45	1	489.15	-1.49	-64.25	30	201.16	65.10	162.53	33	1	54	1	181.21	13.62	35.02	37
6	13	48	1	517.93	-10.99	-60.53	30	230.24	62.51	-171.33	33	1	54	1	162.81	24.59	40.07	37
6	13	51	1	541.46	-20.32	-56.57	30	263.78	50.02	-152.48	33	1	54	1	153.15	35.37	46.28	37
6	13	54	1	558.91	-29.42	-52.04	30	300.48	47.55	-140.20	33	1	54	1	152.42	45.66	54.65	37
6	13	57	1	569.61	-38.23	-46.53	30	339.03	38.21	-131.90	34	1	54	1	160.32	54.91	66.88	37
6	14	0	1	573.06	-46.60	-39.34	30	378.15	28.52	-125.84	34	1	54	1	176.18	62.00	83.57	37
6	14	3	1	568.99	-54.23	-29.39	30	416.55	18.74	-121.04	34	1	54	1	199.02	65.08	111.58	37
6	14	6	1	557.34	-60.53	-15.04	30	453.01	8.99	-116.95	34	1	54	1	227.67	62.91	138.12	37
6	14	9	1	538.32	-64.44	5.04	30	486.36	-0.67	-113.19	34	1	54	1	260.89	56.66	157.62	37
6	14	12	1	512.40	-64.73	28.75	30	515.51	-10.18	-109.48	34	1	54	1	297.37	48.30	170.34	37
6	14	15	1	480.34	-61.16	50.02	30	539.50	-19.52	-105.55	34	1	54	1	335.80	39.00	178.89	37
6	14	18	1	443.22	-54.76	65.63	30	557.47	-28.65	-101.09	34	1	54	1	374.89	29.33	-174.90	38
6	14	21	1	402.36	-46.65	76.49	30	568.73	-37.49	-95.68	34	1	54	1	413.37	19.55	-170.03	38
6	14	24	1	359.40	-37.52	84.31	30	572.80	-45.90	-88.67	34	1	54	1	450.01	9.79	-165.90	38
6	14	27	1	316.15	-27.71	90.32	31	569.35	-53.61	-79.01	34	1	54	1	483.63	0.13	-162.12	38
6	14	30	1	274.57	-17.43	95.29	31	558.33	-60.06	-65.10	34	1	54	1	513.14	-9.40	-158.41	38
6	14	33	1	236.61	-6.81	99.74	31	539.01	-64.23	-45.51	34	1	54	1	537.56	-18.76	-154.51	38
6	14	36	1	204.10	4.04	104.03	31	514.55	-64.86	-21.89	34	1	54	1	556.02	-27.90	-150.11	38
6	14	39	1	178.59	15.00	108.54	31	482.98	-61.59	-0.20	34	1	54	1	567.84	-36.77	-144.80	38
6	14	42	1	161.22	28.96	113.70	31	446.24	-55.39	15.89	34	1	54	1	572.84	-45.23	-137.96	38
6	14	45	1	152.63	36.70	120.12	31	405.66	-47.39	27.09	34	1	54	1	569.64	-53.01	-128.57	38
6	14	48	1	152.97	46.90	128.86	31	362.82	-38.32	35.11	35	1	54	1	559.23	-59.60	-115.08	38
6	14	51	1	161.88	55.95	141.75	31	319.55	-28.56	41.24	35	1	54	1	541.39	-64.01	-95.95	38
6	14	54	1	178.66	62.65	161.42	31	277.77	-18.31	46.28	35	1	54	1	516.57	-64.96	-72.47	38
6	14	57	1	202.28	65.10	-171.96	31	239.46	-7.72	50.75	35	1	54	1	485.48	-61.99	-50.40	38
6	15	0	1	231.57	62.30	-146.05	31	206.46	3.11	55.04	35	1	54	1	449.12	-55.98	-33.84	38
6	15	3	1	265.27	55.69	-127.53	31	180.34	14.07	59.52	35	1	54	1	408.80	-48.09	-22.31	38
6	15	6	1	302.09	47.16	-115.47	31	162.28	25.04	64.60	35	1	54	1	366.10	-39.09	-14.08	38
PERIOD 96.126																		38
6	15	9	1	340.70	37.80	-107.29	32	152.58	46.07	79.37	35	1	54	1	322.82	-29.38	-7.83	39
6	15	12	1	379.82	28.10	-101.30	32	160.82	55.25	91.81	35	1	54	1	280.87	-19.17	-2.73	39
6	15	15	1	418.17	18.32	-96.55	32	176.98	62.22	110.82	35	1	54	1	242.24	-8.60	1.78	39
6	15	18	1	454.54	8.57	-92.48	32	200.08	65.09	137.04	35	1	54	1	208.77	2.22	6.07	39
6	15	21	1	487.75	-1.08	-88.72	32	228.94	62.71	163.39	35	1	54	1	182.07	13.18	10.52	39
6	15	24	1	516.72	-10.58	-85.01	32	262.32	56.34	-177.43	35	1	54	1	163.35	24.15	15.53	39
6	15	27	1	540.48	-19.92	-81.06	32	298.91	-9.74	-164.93	35	1	54	1	153.35	34.94	21.69	39
6	15	30	1	558.19	-29.03	-76.57	32	337.40	38.61	-156.50	35	1	54	1	152.27	45.26	29.94	39
6	15	33	1	569.18	-37.86	-71.11	32	376.51	28.93	-150.37	36	1	54	1	159.85	54.57	41.97	39
6	15	36	1	572.93	-46.25	-64.01	32	414.95	19.15	-145.54	36	1	54	1	175.41	61.78	60.35	39
6	15	39	1	569.18	-53.92	-54.21	32	451.50	9.39	-141.43	36	1	54	1	197.99	65.06	86.14	39
6	15	42	1	557.85	-60.29	-40.08	32	484.98	-0.26	-137.66	36	1	54	1	226.44	63.09	112.85	39
6	15	45	1	539.13	-64.34	-20.24	32	514.32	-9.19	-130.95	36	1	54	1	259.50	56.96	132.67	39
6	15	48	1	513.69	-64.80	3.42	32	538.52	-19.74	-130.03	36	1	54	1	334.23	48.66	145.61	39
6	15	51	1	481.68	-61.38	24.91	32	556.74	-28.27	-125.60	36	1	54	1	373.31	29.73	160.57	40
6	15	54	1	444.75	-55.08	40.76	32	568.29	-37.13	-120.24	36	1	54	1	411.83	19.95	165.48	40
6	15	57	1	404.03	-47.03	51.79	32	572.65	-45.56	-113.32	36	1	54	1	448.55	10.19	169.63	40
6	16	0	1	361.13	-37.92	59.71	33	569.51	-53.31	-103.80	36	1	54	1				

6	21	45	1	482.30	0.52	173.42	40	1	256.80	57.54	82.78	43	1	165.51	22.47	-82.52	47
6	21	48	1	511.98	-9.01	177.13	40	1	292.94	40.36	96.16	43	1	154.20	33.30	-76.60	47
6	21	51	1	536.60	-18.38	-178.98	40	1	331.19	40.13	105.10	43	1	151.82	43.72	-68.75	47
6	21	54	1	555.30	-27.54	-174.61	40	1	370.24	30.49	111.52	44	1	158.15	53.24	-57.45	47
6	21	57	1	567.38	-36.42	-169.35	40	1	408.82	20.72	116.51	44	1	172.58	60.87	-40.22	47
6	22	0	1	572.31	-44.90	-162.58	40	1	445.70	10.95	120.71	44	1	194.17	64.89	-15.38	47
6	22	3	1	569.77	-52.72	-153.32	40	1	479.68	1.28	124.51	44	1	221.81	63.71	11.85	47
6	22	6	1	559.64	-59.37	-140.03	40	1	509.69	-8.27	128.21	44	1	254.23	58.09	32.90	47
6	22	9	1	542.09	-63.89	-121.14	40	1	534.71	-17.65	132.08	44	1	290.16	50.02	46.73	47
6	22	12	1	517.53	-65.00	-97.74	40	1	534.71	-17.65	132.08	44	1	328.27	40.85	55.92	47
6	22	15	1	486.67	-62.17	-75.50	40	1	534.71	-17.65	132.08	44	1	367.29	31.23	62.48	48
6	22	18	1	450.50	-56.26	-58.70	40	1	566.46	-35.74	141.58	44	1	405.92	21.46	67.55	48
6	22	21	1	410.32	-48.43	-47.01	40	1	571.94	-44.25	148.20	44	1	442.94	11.69	71.79	48
6	22	24	1	367.69	-39.87	-38.67	40	1	569.96	-52.14	157.22	44	1	477.15	2.00	75.62	48
6	22	27	1	324.40	-29.77	-32.36	41	1	580.41	-58.91	170.13	44	1	507.46	-7.56	79.32	48
6	22	30	1	282.38	-19.58	-27.22	41	1	543.41	-63.64	-171.44	44	1	532.86	-16.95	83.16	48
6	22	33	1	243.59	-9.02	-22.70	41	1	519.37	-65.06	-148.22	44	1	552.66	-26.15	87.44	48
6	22	36	1	209.90	1.79	-18.41	41	1	453.17	-56.80	-108.42	44	1	565.53	-35.08	92.54	48
6	22	39	1	182.93	12.74	-13.97	41	1	432.25	-49.09	-96.39	44	1	571.53	-43.63	99.02	48
6	22	42	1	163.89	23.71	-8.99	41	1	370.77	-40.19	-87.85	44	1	570.10	-51.58	107.81	48
6	22	45	1	153.55	34.52	-2.90	41	1	327.48	-30.54	-81.41	45	1	561.09	-58.46	120.37	48
6	22	48	1	152.13	44.87	5.25	41	1	285.32	-20.38	-76.21	45	1	544.63	-63.39	138.36	48
6	22	51	1	159.39	54.23	17.08	41	1	246.24	-9.84	-71.66	45	1	521.08	-65.09	161.37	48
6	22	54	1	174.67	61.55	35.16	41	1	212.13	0.95	-67.35	45	1	491.12	-62.84	-175.81	48
6	22	57	1	197.00	65.03	60.72	41	1	184.62	11.90	-62.94	45	1	455.69	-57.31	-158.12	48
6	22	60	1	225.24	63.26	87.59	41	1	164.97	22.87	-58.02	45	1	416.04	-49.71	-145.75	48
6	23	0	1	258.13	57.26	107.73	41	1	153.98	33.70	-52.04	45	1	373.70	-43.88	-137.01	48
6	23	3	1	294.39	49.01	120.89	41	1	151.91	44.10	-44.10	45	1	330.43	-31.28	-130.45	49
6	23	6	1	332.69	39.76	129.70	41	1	158.54	61.56	-32.63	45	1	288.14	-21.15	-125.18	49
6	23	9	1	371.76	30.11	136.04	42	1	172.25	53.10	-15.12	45	1	248.80	-10.63	-120.59	49
6	23	12	1	410.31	20.34	140.99	42	1	195.09	64.94	9.96	45	1	214.29	0.15	-116.28	49
6	23	15	1	447.11	10.57	145.17	42	1	195.09	64.94	9.96	45	1	186.28	11.09	-111.89	49
6	23	18	1	480.98	0.90	148.96	42	1	222.92	63.57	37.09	45	1	166.05	22.07	-107.02	49
6	23	21	1	510.82	-8.64	152.67	42	1	255.50	57.82	57.84	45	1	154.44	33.91	-101.15	49
6	23	24	1	535.65	-18.01	156.55	42	1	291.53	49.69	71.44	45	1	151.74	43.35	-93.39	49
6	23	27	1	554.59	-27.18	160.90	42	1	323.72	40.50	80.51	45	1	137.77	52.91	-82.26	49
6	23	30	1	566.92	-36.08	166.11	42	1	368.75	30.86	87.00	46	1	171.93	60.64	-65.29	49
6	23	33	1	572.13	-44.57	172.80	42	1	407.36	21.09	92.03	46	1	193.29	64.83	-40.70	49
6	23	36	1	569.87	-52.43	-178.06	42	1	444.30	11.32	96.25	46	1	220.72	63.85	-13.38	49
6	23	39	1	560.03	-59.14	-164.96	42	1	478.41	1.64	100.06	46	1	232.00	58.35	7.96	49
6	23	42	1	542.76	-63.77	-146.30	42	1	508.57	-7.91	103.76	46	1	253.00	50.34	22.01	49
6	23	45	1	518.47	-65.03	-122.99	42	1	533.78	-17.30	107.62	46	1	288.81	50.34	22.01	49
6	23	48	1	487.83	-62.35	-100.59	42	1	553.16	-26.48	111.92	46	1	326.86	41.20	31.33	49
6	23	51	1	451.85	-56.53	-83.56	42	1	566.00	-35.40	117.05	46	1	365.86	31.58	37.96	50
6	23	54	1	411.81	-48.76	-71.70	42	1	571.74	-43.94	123.60	46	1	404.51	21.82	43.08	50
6	23	57	1	369.25	-39.93	-63.26	42	1	570.03	-51.86	132.51	46	1	441.60	12.05	47.34	50
7	0	3	1	325.96	-30.16	-56.89	43	1	560.76	-58.68	145.24	46	1	475.92	2.35	51.17	50
7	0	6	1	283.86	-19.38	-41.72	43	1	544.03	-65.08	163.45	46	1	506.37	-7.21	54.88	50
7	0	9	1	244.93	-9.44	-47.18	43	1	520.24	-65.08	-173.43	46	1	531.95	-16.61	58.71	50
7	0	12	1	211.02	1.37	-42.88	43	1	490.06	-62.68	-150.74	46	1	551.76	-23.81	62.97	50
7	0	15	1	183.78	12.32	-38.46	43	1	454.45	-57.06	-133.27	46	1	565.07	-34.76	68.02	50
7	0	18	1	164.43	23.29	-33.51	43	1	414.67	-49.40	-121.07	46	1	571.32	-43.33	74.44	50
7	0	21	1	153.76	34.11	-27.47	43	1	372.25	-40.54	-112.43	46	1	570.14	-51.30	83.13	50
7	0	24	1	152.01	44.48	-19.43	43	1	328.97	-30.91	-105.94	47	1	561.40	-58.24	95.52	50
7	0	27	1	158.96	53.89	-7.78	43	1	286.74	-20.77	-100.69	47	1	545.20	-63.26	113.30	50
7	0	30	1	173.95	61.32	10.01	43	1	247.53	-10.22	-96.13	47	1	521.90	-65.10	136.19	50
7	0	33	1	196.03	64.99	35.33	43	1	213.22	0.54	-91.82	47	1	482.15	-62.98	159.14	50
7	0	36	1	224.06	63.42	62.33	43	1	185.45	11.49	-87.42	47	1	456.90	-57.55	177.04	50

7	6	24	1	417.38	-50.01	-170.43	50	7	9	12	1	570.87	-42.74	25.32	54	7	12	3	399.16	23.18	-54.79
7	6	27	1	375.12	-41.21	-161.58	50	7	9	15	1	570.20	-50.77	33.80	54	7	12	3	436.47	13.40	-50.44
7	6	30	1	331.86	-31.63	-154.97	51	7	9	18	1	561.97	-57.80	45.88	54	7	12	9	471.18	3.69	-46.56
7	6	33	1	289.51	-21.52	-149.66	51	7	9	21	1	546.27	-62.99	63.24	54	7	12	12	502.17	-5.86	-42.86
7	6	36	1	250.05	-11.02	-140.06	51	7	9	24	1	523.44	-65.10	85.89	54	7	12	15	528.41	-15.32	-39.06
7	6	39	1	215.35	-0.84	-136.36	51	7	9	27	1	494.12	-68.01	109.05	54	7	12	18	549.00	-24.55	-34.88
7	6	42	1	187.10	10.69	-131.52	51	7	9	30	1	459.22	-58.01	127.37	54	7	12	21	563.19	-33.54	-29.96
7	6	45	1	166.59	21.67	-125.69	51	7	9	33	1	419.96	-50.58	140.22	54	7	12	24	570.39	-42.17	-23.78
7	6	48	1	151.67	32.53	-118.02	51	7	9	36	1	377.85	-41.86	149.27	54	7	12	27	570.21	-50.25	-15.47
7	6	51	1	137.41	42.99	-107.05	51	7	9	39	1	334.62	-32.32	156.01	55	7	12	30	562.47	-57.37	-3.70
7	6	54	1	117.13	52.60	-90.34	51	7	9	42	1	292.17	-22.42	161.39	55	7	12	33	547.25	-62.72	13.28
7	6	57	1	92.43	60.81	-75.99	51	7	9	45	1	252.47	-11.76	166.03	55	7	12	36	524.87	-65.08	35.66
7	6	60	1	63.76	63.76	-65.99	51	7	9	48	1	217.42	-1.00	170.55	55	7	12	39	495.95	-63.50	59.00
7	6	63	1	38.59	51	-38.59	51	7	9	51	1	183.70	9.93	174.72	55	7	12	42	461.39	-58.44	77.72
7	6	66	1	16.97	51	-16.97	51	7	9	54	1	167.66	20.91	179.51	55	7	12	45	422.40	-51.13	90.89
7	6	69	1	50.65	50.65	-2.70	51	7	9	57	1	155.16	31.78	-174.75	55	7	12	48	380.44	-42.47	100.15
7	6	72	1	325.48	41.54	6.74	51	7	9	60	1	155.16	31.78	-174.75	55	7	12	51	337.22	-22.92	107.00
7	6	75	1	364.45	31.93	13.45	52	7	10	3	1	150.74	42.29	-156.57	55	7	12	54	294.71	-22.92	112.45
7	6	78	1	403.13	22.17	18.61	52	7	10	6	1	170.11	59.96	-116.50	55	7	12	57	219.41	-12.46	117.13
7	6	81	1	440.28	12.39	22.89	52	7	10	9	1	190.78	64.61	-116.50	55	7	12	60	156.14	-1.72	121.46
7	6	84	1	474.70	2.70	26.73	52	7	10	12	1	217.65	64.19	-88.99	55	7	12	63	190.26	9.20	125.81
7	6	87	1	505.30	-6.87	30.44	52	7	10	15	1	249.47	59.08	-66.82	55	7	12	66	168.71	20.19	130.56
7	6	90	1	531.05	-16.28	34.26	52	7	10	18	1	284.96	51.26	-52.12	55	7	12	69	155.66	31.07	136.22
7	6	93	1	551.06	-25.49	38.50	52	7	10	21	1	322.81	42.19	-42.42	55	7	12	72	131.50	41.61	143.57
7	6	96	1	564.60	-34.44	43.52	52	7	10	24	1	361.74	32.61	-35.48	56	7	12	75	156.14	51.37	153.97
7	6	99	1	571.09	-43.03	49.87	52	7	10	27	1	400.45	22.85	-30.33	56	7	12	78	169.01	59.51	169.74
7	6	102	1	570.18	-51.03	58.46	52	7	10	30	1	437.72	13.07	-26.00	56	7	12	81	189.24	64.45	-166.90
7	6	105	1	561.70	-58.01	70.69	52	7	10	33	1	472.34	3.37	-22.13	56	7	12	84	215.74	64.39	-139.33
7	6	108	1	545.75	-63.12	88.26	52	7	10	36	1	503.20	-6.21	-18.43	56	7	12	87	247.27	59.52	-116.65
7	6	111	1	522.69	-65.10	111.03	52	7	10	39	1	529.28	-15.63	-10.42	56	7	12	90	282.55	51.82	-101.52
7	6	114	1	493.15	-63.12	134.09	52	7	10	42	1	549.68	-24.86	-14.62	56	7	12	93	320.27	42.81	-91.56
7	6	117	1	458.07	-57.78	152.20	52	7	10	45	1	583.66	-33.83	-5.48	56	7	12	96	359.14	33.25	-84.57
7	6	120	1	418.69	-50.30	164.89	52	7	10	48	1	570.63	-42.45	0.77	56	7	12	99	397.89	23.50	-79.25
7	6	123	1	376.50	-41.54	173.84	52	7	10	51	1	570.21	-50.51	9.16	56	7	12	102	435.26	13.72	-74.87
7	6	126	1	333.26	-31.98	-179.48	53	7	10	54	1	562.23	-57.58	21.08	56	7	12	105	470.06	4.01	-70.99
7	6	129	1	290.86	-21.88	-174.14	53	7	10	57	1	546.77	-62.86	38.25	56	7	12	108	501.17	-5.58	-67.29
7	6	132	1	251.27	-11.39	-169.52	53	7	10	60	1	524.17	-65.09	60.77	56	7	12	111	527.56	-15.01	-63.49
7	6	135	1	216.39	-0.63	-165.20	53	7	11	3	1	495.05	-63.38	84.02	56	7	12	114	548.33	-2.25	-59.33
7	6	138	1	187.91	10.31	-160.82	53	7	11	6	1	460.32	-58.23	102.54	56	7	12	117	562.73	-33.25	-54.44
7	6	141	1	167.13	21.29	-156.01	53	7	11	9	1	421.20	-50.86	115.55	56	7	12	120	570.15	-41.90	-48.31
7	6	144	1	154.92	32.15	-150.22	53	7	11	12	1	379.16	-42.17	124.71	56	7	12	123	570.20	-50.00	-40.09
7	6	147	1	151.61	42.64	-142.64	53	7	11	15	1	335.95	-32.65	131.51	57	7	12	126	562.70	-51.16	-28.45
7	6	150	1	157.07	52.28	-131.82	53	7	11	18	1	293.64	-22.58	136.92	57	7	12	129	547.71	-65.59	-11.67
7	6	153	1	170.70	60.19	-115.36	53	7	11	21	1	253.64	-12.11	141.57	57	7	12	132	525.55	-65.06	10.58
7	6	156	1	191.59	64.69	-91.26	53	7	11	24	1	218.42	-1.36	145.90	57	7	12	135	496.83	-63.61	34.00
7	6	159	1	218.64	64.09	-63.80	53	7	11	27	1	189.49	9.56	150.26	57	7	12	138	462.43	-51.65	52.90
7	6	162	1	250.61	58.85	-41.90	53	7	11	30	1	168.19	20.55	155.04	57	7	12	141	423.56	-51.39	66.24
7	6	165	1	286.21	50.96	-27.41	53	7	11	33	1	155.41	31.42	160.73	57	7	12	144	381.68	-43.76	75.59
7	6	168	1	324.13	41.87	-17.84	53	7	11	36	1	151.53	41.94	168.15	57	7	12	147	338.51	-33.29	82.51
7	6	171	1	363.08	32.27	-11.06	54	7	11	39	1	156.43	51.67	178.69	57	7	12	150	295.93	-23.25	87.99
7	6	174	1	401.78	22.51	-5.86	54	7	11	42	1	169.55	57.74	-165.32	57	7	12	153	255.91	-11.80	92.68
7	6	177	1	439.98	12.74	-1.55	54	7	11	45	1	190.00	64.53	-141.71	57	7	12	156	220.37	-2.07	97.02
7	6	180	1	473.51	3.04	2.30	54	7	11	48	1	216.68	64.29	-114.17	57	7	12	159	191.02	8.85	101.36
7	6	183	1	504.24	-6.53	6.00	54	7	11	51	1	248.35	59.31	-91.74	57	7	12	162	169.23	19.84	106.10
7	6	186	1	530.16	-15.95	9.82	54	7	11	54	1	283.74	51.54	-76.82	57	7	12	165	155.91	30.73	111.72
7	6	189	1	550.37	-25.17	14.03	54	7	11	57	1	321.53	42.51	-66.99	57	7	12	168	151.49	41.28	118.99
7	6	192	1	564.13	-34.13	19.02	54	7	11	60	1	360.43	33.93	-60.07	58	7	12	171	155.86	51.08	129.27
7	6	195	1					7	12	0	1	360.43	33.93	-60.07	58	7	12	174	168.48	59.29	144.82

7	14	57	1	188.51	64.36	167.94	61	7	17	48	1	222.25	-2.74	48.15	65	7	20	39	1	500.03	-63.99	-65.90	68
7	15	0	1	214.82	64.47	-164.48	61	7	17	51	1	192.50	19.16	52.48	65	7	20	42	1	466.27	-59.40	-46.29	68
7	15	3	1	246.21	59.74	-141.55	61	7	17	57	1	170.24	30.06	62.73	65	7	20	45	1	427.89	-52.36	-32.34	68
7	15	6	1	281.39	52.10	-126.21	61	7	17	57	1	156.42	40.65	69.87	65	7	20	48	1	386.31	-43.86	-22.59	69
7	15	9	1	319.05	43.11	-116.13	61	7	17	57	1	151.47	50.51	79.91	65	7	20	51	1	343.23	-34.47	-15.44	69
7	15	12	1	357.89	33.56	-109.07	62	7	17	57	1	155.34	58.85	95.05	65	7	20	54	1	300.53	-24.49	-9.83	69
7	15	15	1	396.65	23.81	-103.71	62	7	17	57	1	167.50	58.85	117.70	65	7	20	57	1	260.16	-14.08	-5.07	69
7	15	18	1	434.06	14.03	-99.51	62	7	17	57	1	187.11	64.18	117.70	65	7	20	60	1	224.04	-3.37	-0.71	69
7	15	21	1	468.95	4.32	-95.41	62	7	17	57	1	213.08	64.62	145.26	65	7	20	63	1	193.93	7.53	3.62	69
7	15	24	1	500.18	-5.27	-91.71	62	7	17	57	1	244.19	60.13	168.66	65	7	20	66	1	171.23	18.52	8.29	69
7	15	27	1	526.72	-14.71	-87.92	62	7	17	57	1	279.16	52.62	175.58	65	7	20	69	1	156.93	29.43	13.77	69
7	15	30	1	547.67	-23.96	-83.78	62	7	17	57	1	316.69	43.69	165.25	65	7	20	72	1	151.48	40.04	20.79	69
7	15	33	1	562.26	-32.96	-78.92	62	7	17	57	1	355.48	34.16	158.05	66	7	20	75	1	151.48	40.04	20.79	69
7	15	36	1	569.90	-41.63	-72.83	62	7	17	57	1	394.25	24.42	152.61	66	7	20	78	1	166.59	58.43	45.37	69
7	15	39	1	570.17	-49.75	-64.70	62	7	17	57	1	431.76	14.64	148.17	66	7	20	81	1	185.80	63.99	67.56	69
7	15	42	1	562.91	-56.95	-53.20	62	7	17	57	1	466.80	4.92	144.25	66	7	20	84	1	211.44	64.74	95.07	69
7	15	45	1	548.14	-64.46	-36.60	62	7	17	57	1	498.26	-4.68	140.54	66	7	20	87	1	242.28	60.50	118.90	69
7	15	48	1	526.20	-65.04	-14.48	62	7	17	57	1	525.09	-14.13	136.77	66	7	20	90	1	277.05	53.11	135.07	69
7	15	51	1	497.67	-63.71	9.00	62	7	17	57	1	546.37	-23.40	132.65	66	7	20	93	1	314.46	44.24	145.64	69
7	15	54	1	463.44	-58.84	28.09	62	7	17	57	1	561.34	-32.42	127.85	66	7	20	96	1	353.19	34.73	152.99	70
7	15	57	1	424.69	-51.64	41.58	62	7	17	57	1	569.39	-41.11	121.86	66	7	20	99	1	391.98	24.99	158.50	70
7	16	0	1	382.89	-43.05	51.04	62	7	17	57	1	570.10	-49.27	113.89	66	7	20	102	1	429.56	15.21	162.99	70
7	16	3	1	339.74	-33.60	58.01	63	7	17	57	1	563.28	-56.55	102.64	66	7	20	105	1	464.75	5.49	166.93	70
7	16	6	1	297.12	-23.57	63.53	63	7	17	57	1	548.95	-52.19	86.39	66	7	20	108	1	496.11	-4.12	170.64	70
7	16	9	1	257.01	-13.13	68.24	63	7	17	57	1	527.43	-44.99	64.54	66	7	20	111	1	523.51	-13.58	174.44	70
7	16	12	1	221.32	-7.41	72.58	63	7	17	57	1	499.27	-53.91	40.95	66	7	20	114	1	545.11	-22.86	178.49	70
7	16	15	1	191.77	8.51	76.92	63	7	17	57	1	465.36	-59.22	21.50	66	7	20	117	1	560.44	-40.61	170.86	70
7	16	18	1	159.74	18.49	81.64	63	7	17	57	1	426.86	-52.12	1.71	66	7	20	120	1	568.88	-8.82	163.03	70
7	16	21	1	156.17	30.39	87.22	63	7	17	57	1	385.20	-43.60	1.94	66	7	20	123	1	570.00	-36.16	152.01	70
7	16	24	1	151.48	40.96	94.43	63	7	17	57	1	342.10	-34.19	9.04	67	7	20	126	1	563.59	-56.16	136.10	70
7	16	27	1	155.59	50.79	104.58	63	7	17	57	1	299.42	-24.19	19.37	67	7	20	129	1	549.69	-61.92	114.52	70
7	16	30	1	167.98	59.07	119.92	63	7	17	57	1	259.14	-13.77	19.37	67	7	20	132	1	528.55	-64.93	90.84	70
7	16	33	1	187.79	64.27	142.81	63	7	17	57	1	223.16	-3.06	23.72	67	7	20	135	1	500.76	-59.57	71.07	70
7	16	36	1	213.94	64.55	170.38	63	7	17	57	1	170.74	7.85	28.05	67	7	20	138	1	467.15	-52.58	47.13	70
7	16	39	1	245.19	59.94	166.45	63	7	17	57	1	156.68	18.83	32.73	67	7	20	141	1	428.88	-44.12	39.92	71
7	16	42	1	280.26	52.36	150.90	63	7	17	57	1	151.48	29.74	38.24	67	7	20	144	1	387.38	-34.75	16.15	71
7	16	45	1	317.85	43.41	140.69	63	7	17	57	1	155.10	50.23	55.25	67	7	20	147	1	344.33	-24.78	10.70	71
7	16	48	1	356.67	33.87	133.56	64	7	17	57	1	167.03	58.64	70.20	67	7	20	150	1	301.60	-14.38	5.97	71
7	16	51	1	395.44	24.12	128.16	64	7	17	57	1	186.44	64.08	92.62	67	7	20	153	1	261.15	-3.68	20.56	71
7	16	54	1	432.90	14.34	123.74	64	7	17	57	1	212.24	64.69	120.16	67	7	20	156	1	224.91	7.22	42.53	71
7	16	57	1	467.87	4.62	119.83	64	7	17	57	1	243.22	60.32	143.78	67	7	20	159	1	194.62	18.21	70.00	71
7	17	0	1	499.21	-4.97	116.13	64	7	17	57	1	278.09	52.87	159.74	67	7	20	162	1	171.72	23.12	94.04	71
7	17	3	1	525.90	-14.42	112.35	64	7	17	57	1	315.56	43.97	170.19	67	7	20	165	1	157.18	39.75	110.40	71
7	17	6	1	547.02	-23.67	108.22	64	7	17	57	1	354.32	34.45	177.47	68	7	20	168	1	151.51	49.70	121.10	71
7	17	9	1	561.80	-32.69	103.39	64	7	17	57	1	393.00	24.71	177.47	68	7	20	171	1	154.66	58.22	128.51	72
7	17	12	1	569.65	-41.36	97.35	64	7	17	57	1	430.65	1.93	172.05	68	7	20	174	1	166.16	63.89	134.06	72
7	17	15	1	570.14	-49.51	89.30	64	7	17	57	1	465.77	5.21	168.66	68	7	20	177	1	185.18	78.22	138.57	72
7	17	18	1	563.10	-56.75	77.93	64	7	17	57	1	497.33	-4.40	164.95	68	7	20	180	1	210.65	18.21	142.52	72
7	17	21	1	548.56	-62.32	61.51	64	7	17	57	1	524.29	-13.85	161.18	68	7	20	183	1	241.37	23.12	146.24	72
7	17	24	1	526.83	-65.02	39.52	64	7	17	57	1	545.74	-23.12	157.08	68	7	20	186	1	276.05	44.50	149.99	72
7	17	27	1	498.49	-63.81	15.98	64	7	17	57	1	560.89	-32.15	152.31	68	7	20	189	1	312.39	35.01	128.51	72
7	17	30	1	464.42	-59.04	3.29	64	7	17	57	1	569.13	-40.85	146.36	68	7	20	192	1	352.09	25.27	134.06	72
7	17	33	1	425.79	-51.89	16.94	64	7	17	57	1	570.06	-49.04	138.46	68	7	20	195	1	390.88	15.49	138.57	72
7	17	36	1	384.06	-43.93	26.49	64	7	17	57	1	562.44	-56.35	127.33	68	7	20	198	1	428.50	5.76	142.52	72
7	17	39	1	340.94	-33.52	33.52	65	7	17	57	1	549.33	-62.06	111.26	68	7	20	201	1	463.76	-3.85	146.24	72
7	17	42	1	298.29	-23.88	39.08	65	7	17	57	1	528.00	-64.96	89.54	68	7	20	204	1	495.52	-13.32	149.99	72
7	17	45	1	258.09	-13.46	43.80	65	7	17	57	1	528.00	-64.96	89.54	68	7	20	207	1	522.74	-13.32	149.99	72

7	23	30	1	544.49	-22.69	154.07	72	PERIOD	96.076	1	349.98	35.53	79.56	76	8	5	15	1	153.91	48.70	-92.43	79
7	23	33	1	559.81	-10.65	156.79	72	8	2	24	388.78	25.80	85.20	76	8	5	18	1	184.80	57.43	-78.48	79
7	23	36	1	569.94	-48.60	172.42	72	8	2	27	426.46	16.02	89.75	76	8	5	21	1	182.51	63.49	-57.34	79
7	23	39	1	563.73	-55.97	176.68	72	8	2	30	461.85	6.29	93.71	76	8	5	24	1	207.88	64.96	-30.08	79
7	23	42	1	550.02	-61.79	160.93	72	8	2	33	493.79	-3.33	97.44	76	8	5	27	1	238.00	61.30	-5.32	79
7	23	45	1	529.08	-64.89	139.48	72	8	2	36	521.825	-12.81	101.19	76	8	5	30	1	272.31	54.21	11.80	79
7	23	48	1	501.46	-64.15	115.77	72	8	2	39	543.29	-22.10	105.24	76	8	5	33	1	309.41	45.47	22.96	79
7	23	51	1	468.00	-59.73	-95.84	72	8	2	42	559.11	-31.16	109.91	76	8	5	36	1	347.99	36.02	30.64	80
7	23	54	1	429.85	-52.80	-81.60	72	8	2	45	568.09	-39.91	115.70	76	8	5	39	1	386.79	26.30	36.34	80
7	23	57	1	388.42	-44.36	-71.66	72	8	2	48	569.79	-8.17	123.33	76	8	5	42	1	424.53	16.52	40.94	80
8	0	0	1	345.40	-35.01	-64.40	73	8	2	51	563.97	-55.61	134.03	76	8	5	45	1	460.04	6.78	44.92	80
8	0	3	1	302.64	-25.06	-58.71	73	8	2	54	550.06	-61.54	149.48	76	8	5	48	1	492.15	-2.85	48.65	80
8	0	6	1	262.12	-14.67	-53.92	73	8	2	57	502.77	-64.29	165.58	76	8	5	51	1	519.82	-12.33	52.39	80
8	0	9	1	225.75	-3.98	-45.54	73	8	3	0	469.60	-60.04	-145.35	76	8	5	54	1	542.13	-21.63	56.42	80
8	0	12	1	195.29	6.92	-45.22	73	8	3	3	431.67	-53.21	-130.83	76	8	5	57	1	558.25	-30.71	61.06	80
8	0	15	1	172.19	17.91	-40.59	73	8	3	6	390.39	-44.84	-120.71	76	8	5	60	1	567.56	-39.47	66.77	80
8	0	18	1	157.44	28.83	-35.17	73	8	3	9	347.43	-35.53	-113.33	76	8	6	3	1	569.61	-47.77	74.29	80
8	0	21	1	151.53	39.66	-28.26	73	8	3	12	304.63	-55.60	-107.58	76	8	6	6	1	551.19	-61.29	84.79	80
8	0	24	1	154.45	49.44	-18.65	73	8	3	15	263.97	-15.23	-102.75	76	8	6	9	1	564.16	-55.26	99.96	80
8	0	27	1	165.75	63.02	-4.23	73	8	3	18	173.11	-17.33	-89.44	76	8	6	12	1	530.95	-64.74	120.89	80
8	0	30	1	184.58	63.79	17.53	73	8	3	21	151.58	-28.26	-77.28	76	8	6	15	1	471.08	-64.42	144.67	80
8	0	33	1	209.90	64.84	44.95	73	8	3	24	164.97	-45.94	-94.05	76	8	6	18	1	433.36	-53.60	165.18	80
8	0	36	1	240.49	60.84	69.18	73	8	3	27	182.45	-32.41	-85.09	76	8	6	21	1	392.23	-45.28	179.97	80
8	0	39	1	275.07	53.57	85.74	73	8	3	30	208.46	-61.92	-15.50	76	8	6	24	1	349.32	-36.01	-162.25	81
8	0	42	1	312.35	44.76	96.56	73	8	3	33	238.80	-12.57	76.79	76	8	6	27	1	306.50	-28.10	-156.44	81
8	0	45	1					8	3	36	273.20	-45.01	36.44	76	8	6	30	1	158.41	27.72	-132.97	81
8	0	48	1					8	3	39	310.36	45.24	47.49	76	8	6	33	1	151.65	38.40	-126.26	81
8	0	51	1	351.02	35.27	104.03	74	8	3	42	348.97	35.78	55.10	78	8	6	36	1	164.26	57.24	-103.19	81
8	0	54	1	389.81	25.54	109.63	74	8	3	45	387.77	26.05	60.77	78	8	6	39	1	182.42	53.39	-82.24	81
8	0	57	1	427.47	15.76	114.16	74	8	3	48	425.49	16.27	65.34	78	8	6	42	1	207.12	64.99	-55.05	81
8	0	60	1	462.79	6.03	118.11	74	8	3	51	460.93	6.54	69.32	78	8	6	45	1	237.23	61.43	-30.13	81
8	1	0	1	494.65	-3.59	121.83	74	8	3	54	492.96	-3.09	73.04	78	8	6	48	1	271.46	54.41	-12.83	81
8	1	3	1	521.99	-13.06	125.59	74	8	3	57	520.53	-12.57	76.79	78	8	6	51	1	308.49	45.70	-1.56	81
8	1	6	1	543.88	-22.35	129.65	74	8	3	60	542.70	-21.86	80.83	78	8	6	54	1	347.05	36.26	6.18	82
8	1	9	1	559.55	-31.40	134.35	74	8	3	63	567.83	-30.93	85.48	78	8	6	57	1	385.84	26.54	11.92	82
8	1	12	1	568.35	-48.14	140.17	74	8	3	66	569.70	-39.69	91.23	78	8	6	60	1	423.61	16.76	16.53	82
8	1	15	1	569.86	-48.38	147.87	74	8	3	69	564.07	-47.97	98.81	78	8	6	63	1	459.17	7.02	20.53	82
8	1	18	1	563.86	-55.79	158.67	74	8	3	72	550.92	-55.43	109.40	78	8	6	66	1	491.36	-2.61	24.26	82
8	1	21	1	529.34	-61.67	174.27	74	8	3	75	530.52	-61.41	124.71	78	8	6	69	1	519.14	-12.10	28.00	82
8	1	24	1	502.13	-64.86	164.42	74	8	3	78	503.39	-64.78	145.76	78	8	6	72	1	541.56	-21.41	32.02	82
8	1	27	1	468.82	-64.23	140.68	74	8	3	81	470.36	-60.19	169.53	78	8	6	75	1	557.83	-30.49	36.64	82
8	1	30	1	430.78	-59.89	-120.60	74	8	3	84	432.53	-53.41	-170.09	78	8	6	78	1	567.30	-39.27	42.32	82
8	1	33	1	389.42	-53.01	-106.22	74	8	3	87	391.33	-45.06	-155.43	78	8	6	81	1	569.52	-47.57	45.78	82
8	1	36	1	346.43	-44.60	-96.19	74	8	3	90	348.39	-45.77	-137.79	79	8	6	84	1	564.23	-55.09	60.19	82
8	1	39	1	303.65	-35.27	-88.87	75	8	3	93	305.58	-25.85	-132.01	79	8	6	87	1	551.44	-61.17	75.23	82
8	1	42	1	263.06	-25.33	-83.15	75	8	3	96	264.85	-15.49	-127.16	79	8	6	90	1	531.37	-64.70	96.03	82
8	1	45	1	226.57	-14.95	-78.34	75	8	3	99	228.14	-4.82	-122.77	79	8	6	93	1	504.55	-60.47	119.82	82
8	1	48	1	172.65	17.61	-65.02	75	8	3	102	197.22	6.07	-118.46	79	8	6	96	1	471.78	-64.46	140.46	82
8	1	51	1	157.68	28.54	-59.63	75	8	3	105	173.55	17.05	-113.86	79	8	6	99	1	434.16	-53.78	155.38	82
8	1	54	1	151.355	39.19	-52.77	75	8	3	108	158.17	27.99	-108.53	79	8	6	102	1	393.09	-45.49	165.77	82
8	1	57	1	165.35	57.82	-29.00	75	8	3	111	151.62	38.66	-101.77	79	8	6	105	1	350.22	-36.24	173.30	83
8	2	0	1	184.00	63.69	-7.45	75	8	3	114					8	6	108	1				
8	2	3	1	209.17	64.89	19.92	75	8	3	117					8	6	111	1				
8	2	6	1	239.63	51.00	44.34	75	8	3	120					8	6	114	1				
8	2	9	1	274.12	63.79	61.09	75	8	3	123					8	6	117	1				
8	2	12	1	311.34	45.00	72.02	75	8	3	126					8	6	120	1				

8	8	6	1	307.38	-26.34	179.14	83	8	10	57	1	551.88	-60.94	25.82	86	8	13	48	1	488.41	-1.75	-73.25	90
8	8	9	1	266.54	-16.00	-175.98	83	8	11	0	1	532.13	-44.61	70.37	86	8	13	51	1	516.56	-11.25	-69.52	90
8	8	12	1	229.62	-5.34	-171.57	83	8	11	3	1	505.60	-60.71	91.05	86	8	13	54	1	533.44	-20.58	-65.54	90
8	8	15	1	198.42	5.54	-167.26	83	8	11	6	1	473.08	-50.71	91.05	86	8	13	57	1	556.22	-29.69	-60.99	90
8	8	18	1	174.41	16.53	-162.69	83	8	11	9	1	435.66	-54.12	106.22	86	8	14	0	1	566.27	-38.50	-55.43	90
8	8	21	1	158.65	27.87	-157.60	83	8	11	12	1	394.73	-45.89	116.78	86	8	14	3	1	565.09	-46.86	-48.17	90
8	8	24	1	151.69	38.16	-150.73	83	8	11	15	1	351.91	-36.87	126.41	87	8	14	6	1	564.44	-46.86	-38.08	90
8	8	27	1	153.59	48.24	-141.55	83	8	11	18	1	309.06	-26.80	130.31	87	8	14	9	1	552.27	-60.71	-23.52	90
8	8	30	1	162.92	57.06	-127.99	83	8	11	21	1	268.11	-16.47	135.22	87	8	14	12	1	552.27	-60.71	-23.52	90
8	8	33	1	181.90	63.29	-107.13	83	8	11	24	1	231.00	-5.82	139.64	87	8	14	15	1	535.81	-64.52	-3.20	90
8	8	36	1	206.49	65.01	-80.01	83	8	11	27	1	199.54	5.05	143.95	87	8	14	18	1	506.54	-64.52	-3.20	90
8	8	39	1	236.49	61.57	-54.93	83	8	11	30	1	175.21	16.03	148.50	87	8	14	21	1	474.26	-60.94	20.58	90
8	8	42	1	270.63	54.60	-37.46	83	8	11	33	1	159.10	26.98	153.75	87	8	14	24	1	437.03	-54.44	57.10	90
8	8	45	1	307.61	45.92	-26.07	83	8	11	36	1	153.31	37.69	160.33	87	8	14	27	1	396.23	-46.26	67.81	90
8	8	48	1	346.13	36.49	-18.27	84	8	11	39	1	151.78	47.81	169.36	87	8	14	30	1	353.47	-37.07	75.54	91
8	8	51	1	384.92	26.77	-12.49	84	8	11	42	1	163.30	56.70	177.23	87	8	14	33	1	310.60	-27.22	81.50	91
8	8	54	1	422.72	16.99	-7.86	84	8	11	45	1	180.97	63.09	186.82	87	8	14	36	1	269.56	-16.91	86.44	91
8	8	57	1	458.32	7.25	-3.95	84	8	11	48	1	205.30	65.05	193.85	87	8	14	39	1	232.29	-6.27	90.87	91
8	8	60	1	490.59	-2.39	-0.12	84	8	11	51	1	235.08	61.81	194.49	87	8	14	42	1	200.59	4.59	95.18	91
8	8	63	1	518.47	-11.88	3.62	84	8	11	54	1	269.05	54.96	186.68	87	8	14	45	1	178.97	15.57	99.71	91
8	8	66	1	547.01	-21.19	7.62	84	8	11	57	1	305.92	46.33	175.08	87	8	14	48	1	159.53	26.52	104.92	91

8	16	42	1	266.91	55.45	-160.46	93	8	19	33	1	160.14	25.90	31.71	97	8	23	24	1	399.39	-47.07	-54.49	100
8	16	45	1	303.62	46.89	-148.55	93	8	19	36	1	152.01	36.65	38.13	97	8	23	27	1	378.96	-28.12	-46.55	101
8	16	48	1	341.99	37.51	-140.46	94	8	19	39	1	152.74	46.85	46.85	97	8	23	30	1	378.96	-28.12	-46.55	101
8	16	51	1	380.76	27.82	-134.50	94	8	19	42	1	161.98	55.91	59.71	97	8	23	33	1	27.68	-17.87	-35.45	101
8	16	54	1	418.65	18.03	-129.82	94	8	19	45	1	178.98	62.62	79.33	97	8	23	36	1	203.06	-7.26	-30.98	101
8	16	57	1	454.47	8.29	-125.74	94	8	19	48	1	202.72	65.10	105.91	97	8	23	39	1	203.87	3.59	-26.68	101
8	17	0	1	487.07	-1.36	-121.99	94	8	19	51	1	232.02	62.33	131.84	97	8	23	42	1	177.64	14.57	-22.18	101
8	17	3	1	515.38	-10.87	-118.26	94	8	19	54	1	265.62	55.74	150.41	97	8	23	45	1	160.50	25.53	-17.06	101
8	17	6	1	538.45	-20.21	-114.30	94	8	19	57	1	302.23	47.23	162.50	97	8	23	48	1	152.10	36.29	-10.70	101
8	17	9	1	555.47	-29.33	-109.78	94	8	20	0	1	340.55	37.87	170.70	98	8	23	51	1	152.56	45.52	-2.09	101
8	17	12	1	565.76	-38.15	-104.27	94	8	20	3	1	370.30	28.18	176.70	98	8	23	54	1	161.54	55.63	10.59	101
8	17	15	1	568.86	-46.53	-97.09	94	8	20	6	1	417.22	18.40	-178.47	98	8	23	57	1	178.30	62.45	29.95	101
8	17	18	1	564.48	-54.18	-87.14	94	8	20	9	1	453.11	8.65	-174.54	98	8	23	0	1	201.84	65.10	56.37	101
8	17	21	1	552.59	-60.50	-72.79	94	8	20	12	1	485.82	-1.00	-170.71	98	8	23	3	1	230.98	62.50	82.48	101
8	17	24	1	533.40	-64.43	-52.69	94	8	20	15	1	514.27	-10.52	-166.99	98	8	23	6	1	264.45	56.01	101.31	101
8	17	27	1	507.39	-64.73	-28.94	94	8	20	18	1	537.52	-19.86	-163.04	98	8	23	9	1	300.97	47.54	113.58	101
8	17	30	1	475.32	-61.15	-7.62	94	8	20	21	1	554.74	-38.99	-158.55	98	8	23	12	1	339.23	38.20	121.87	102
8	17	33	1	438.27	-54.74	8.00	94	8	20	24	1	565.27	-27.89	-153.09	98	8	23	15	1	377.96	28.52	127.93	102
8	17	36	1	397.59	-46.61	18.87	94	8	20	27	1	568.61	-37.83	-153.09	98	8	23	18	1	415.91	18.73	132.72	102
8	17	39	1	354.90	-37.45	26.69	95	8	20	30	1	562.49	-46.23	-145.98	98	8	23	21	1	451.85	8.98	136.82	102
8	17	42	1	312.02	-27.62	32.70	95	8	20	33	1	552.86	-53.92	-136.16	98	8	23	24	1	484.65	-0.68	140.58	102
8	17	45	1	270.90	-17.32	37.67	95	8	20	36	1	533.92	-64.35	-122.01	98	8	23	27	1	513.24	-10.20	144.29	102
8	17	48	1	233.48	-6.59	42.12	95	8	20	39	1	508.14	-64.79	-78.59	98	8	23	30	1	536.65	-19.55	148.23	102
8	17	51	1	201.56	4.17	46.42	95	8	20	42	1	476.28	-61.34	-56.89	98	8	23	33	1	554.06	-28.68	152.70	102
8	17	54	1	176.68	15.15	50.94	95	8	20	45	1	439.39	-46.92	-41.06	98	8	23	36	1	568.36	-37.53	158.12	102
8	18	0	1	151.86	26.10	56.11	95	8	20	48	1	398.83	-30.05	-30.05	98	8	23	39	1	564.47	-45.96	165.12	102
8	18	3	1	152.84	36.84	62.55	95	8	20	51	1	356.20	-27.79	-22.14	99	8	23	42	1	564.47	-53.67	174.86	102
8	18	6	1	162.32	47.03	71.33	95	8	20	54	1	313.31	-27.98	-16.08	99	8	23	45	1	553.07	-60.12	-171.16	102
8	18	9	1	179.34	56.06	84.29	95	8	20	57	1	272.12	-17.70	-11.08	99	8	23	48	1	534.36	-64.26	-151.45	102
8	18	12	1	162.32	62.71	104.06	95	8	21	0	1	234.56	-7.08	-6.62	99	8	23	51	1	477.12	-61.51	-106.10	102
8	18	15	1	203.19	65.09	130.72	95	8	21	3	1	202.45	3.78	-2.32	99	8	23	54	1	440.38	-55.25	-90.08	102
8	18	18	1	232.58	62.24	156.55	95	8	21	6	1	177.33	14.75	2.19	99	8	23	57	1	399.93	-47.21	-78.94	102
8	18	21	1	266.25	55.60	174.97	95	8	21	9	1	160.32	25.71	7.32	99	8	23	0	1	357.35	-38.11	-70.95	103
8	18	24	1	302.91	47.06	-173.03	95	8	21	12	1	152.05	36.46	13.71	99	8	23	3	1	314.47	-28.31	-64.84	103
8	18	27	1	341.26	37.70	-164.89	96	8	21	15	1	152.65	46.68	22.38	99	8	23	6	1	273.22	-13.04	-59.81	103
8	18	30	1	380.01	28.00	-158.91	96	8	21	18	1	161.76	55.77	35.14	99	8	23	9	1	235.54	-7.43	-55.34	103
8	18	33	1	417.92	18.22	-154.17	96	8	21	21	1	178.63	62.54	54.63	99	8	23	12	1	203.26	3.42	-51.04	103
8	18	36	1	453.78	8.47	-150.10	96	8	21	24	1	202.27	65.10	81.13	99	8	23	15	1	177.93	14.39	-46.55	103
8	18	39	1	486.43	-1.18	-146.35	96	8	21	27	1	231.48	62.42	107.15	99	8	23	18	1	150.67	25.36	-41.44	103
8	18	42	1	514.82	-10.69	-142.63	96	8	21	30	1	265.02	55.88	125.85	99	8	23	21	1	152.14	36.12	-35.11	103
8	18	45	1	537.98	-20.03	-138.67	96	8	21	33	1	301.58	47.39	138.03	99	8	23	24	1	152.48	46.36	-26.54	103
8	18	48	1	555.10	-29.16	-134.17	96	8	21	36	1	339.88	38.04	146.28	100	8	23	27	1	151.34	55.50	-13.95	103
8	18	51	1	565.51	-37.99	-128.68	96	8	21	39	1	378.62	28.35	152.31	100	8	23	30	1	151.34	55.50	-13.95	103
8	18	54	1	568.74	-46.38	-121.54	96	8	21	42	1	416.55	18.57	157.09	100	8	23	33	1	177.99	62.37	5.28	103
8	18	57	1	564.49	-54.05	-111.66	96	8	21	45	1	452.47	8.82	161.17	100	8	23	36	1	201.43	65.10	31.63	103
8	19	0	1	552.74	-60.40	-97.41	96	8	21	48	1	485.22	-0.84	164.93	100	8	23	39	1	230.49	62.58	57.83	103
8	19	3	1	533.67	-64.39	-77.41	96	8	21	51	1	513.75	-10.35	168.65	100	8	23	42	1	263.90	56.13	76.78	103
8	19	6	1	507.78	-64.76	-53.67	96	8	21	54	1	537.08	-19.70	172.59	100	8	23	45	1	300.38	47.68	89.13	103
8	19	9	1	475.81	-61.25	-32.26	96	8	21	57	1	554.39	-28.83	177.07	100	8	23	48	1	338.62	38.35	97.47	104
8	19	12	1	438.85	-54.87	-16.53	96	8	22	0	1	565.03	-37.68	177.07	100	8	23	51	1	377.34	28.67	103.56	104
8	19	15	1	398.23	-46.77	-5.59	96	8	22	3	1	568.48	-46.09	-170.42	100	8	23	54	1	415.29	18.89	108.36	104
8	19	18	1	312.68	2.27	2.27	97	8	22	6	1	564.49	-53.79	-160.66	100	8	23	57	1	451.26	9.14	112.46	104
8	19	21	1	8.31	8.31	8.31	97	8	22	9	1	552.97	-60.21	-146.59	100	8	23	0	1	484.11	-0.52	116.23	104
8	19	24	1	271.52	-17.51	13.30	97	8	22	12	1	534.15	-64.31	-126.79	100	8	23	3	1	512.75	-10.05	119.94	104
8	19	27	1	234.03	-6.89	17.75	97	8	22	15	1	506.48	-64.82	-103.09	100	8	23	6	1	536.23	-19.40	123.88	104
8	19	30	1	202.02	3.97	22.05	97	8	22	18	1	476.71	-61.43	-81.50	100	8	23	9	1	553.73	-28.54	128.33	104
8	19	33	1	177.01	14.95	26.56	97	8	22	21	1	439.90	-55.13	-65.57	100	8	23	12	1	564.55	-37.40	133.74	104

9	1	15	568.22	-45.83	140.74	104	1	1	414.15	19.18	59.65	108	9	7	0	1	200.03	65.09	-67.10	111
9	1	18	564.45	-53.56	150.39	104	1	1	450.16	9.43	63.77	108	9	7	3	1	228.81	62.85	-40.64	111
9	1	21	553.16	-60.03	164.29	104	1	1	483.08	-0.24	67.54	108	9	7	6	1	262.00	56.56	-21.24	111
9	1	24	534.35	-64.22	-176.09	104	1	1	511.83	-9.77	71.25	108	9	7	9	1	298.31	48.19	-8.60	111
PERIOD 96.034																				
9	1	27	509.08	-64.86	-152.43	104	1	1	535.45	-19.12	75.17	108	9	7	12	1	336.45	38.89	-0.08	112
9	1	30	477.49	-61.58	-130.69	104	1	1	553.10	-28.27	79.61	108	9	7	15	1	375.14	29.22	6.10	112
9	1	33	440.83	-55.36	-114.57	104	1	1	564.10	-37.14	84.98	108	9	7	18	1	413.11	19.44	10.96	112
9	1	36	400.43	-47.34	-103.37	104	1	1	567.96	-45.59	91.92	108	9	7	21	1	449.17	9.69	15.09	112
9	1	39	357.88	-38.25	-93.34	105	1	1	564.38	-53.35	101.47	108	9	7	24	1	482.15	0.02	18.86	112
9	1	42	315.00	-28.47	-89.21	105	1	1	553.29	-59.87	115.23	108	9	7	27	1	510.99	-9.51	22.57	112
9	1	45	273.72	-18.20	-84.17	105	1	1	534.88	-64.15	134.68	108	9	7	30	1	534.72	-18.88	26.49	112
9	1	48	235.99	-7.59	-79.70	105	1	1	509.59	-64.90	158.31	108	9	7	33	1	552.51	-28.04	30.91	112
9	1	51	203.64	3.25	-75.40	105	1	1	478.16	-61.73	-179.82	108	9	7	36	1	563.66	-36.91	36.24	112
9	1	54	178.20	14.23	-70.91	105	1	1	441.64	-55.57	-152.22	108	9	7	39	1	567.69	-45.37	43.13	112
9	1	57	150.83	25.19	-65.82	105	1	1	401.33	-47.59	-144.12	109	9	7	42	1	564.28	-53.16	52.60	112
9	2	0	102.40	35.96	-59.51	105	1	1	358.84	-38.52	-124.22	109	9	7	45	1	553.37	-59.72	66.23	112
9	2	3	161.15	55.37	-50.98	105	1	1	315.96	-18.50	-137.95	109	9	7	48	1	535.13	-64.08	85.53	112
9	2	6	177.70	62.29	-38.47	105	1	1	274.64	-18.50	-132.89	109	9	7	51	1	510.01	-64.93	109.11	112
9	2	9	201.05	65.10	-19.36	105	1	1	236.81	-7.89	-128.40	109	9	7	54	1	478.73	-61.85	131.11	112
9	2	12	230.03	62.65	6.92	105	1	1	204.32	2.95	-124.10	109	9	7	57	1	442.32	-55.75	147.54	112
9	2	15	263.39	56.25	33.18	105	1	1	178.70	13.92	-119.62	109	9	7	60	1	402.10	-47.81	158.97	112
9	2	18	299.82	47.82	52.26	105	1	1	161.13	24.89	-114.55	109	9	8	0	1	359.66	-38.76	167.13	113
9	2	21	338.03	38.50	64.68	105	1	1	152.27	35.66	-108.29	109	9	8	3	1	316.79	-18.76	173.34	113
9	2	24	376.74	28.82	73.07	106	1	1	152.27	45.64	-99.85	109	9	8	6	1	275.43	-18.16	178.42	113
9	2	27	414.70	19.04	79.19	106	1	1	177.16	55.14	-87.48	109	9	8	9	1	237.53	-17.09	187.09	113
9	2	30	450.70	9.29	84.01	106	1	1	160.80	62.14	-68.58	109	9	8	12	1	204.91	2.67	-172.78	113
9	2	33	482.58	-0.38	88.11	106	1	1	200.35	65.09	-42.45	109	9	8	15	1	179.14	13.65	-163.32	113
9	2	36	512.28	-9.90	91.88	106	1	1	229.19	62.79	-16.05	109	9	8	18	1	161.39	24.62	-168.27	113
9	2	39	535.83	-19.26	95.60	106	1	1	262.44	56.47	3.24	109	9	8	21	1	152.34	35.40	-157.04	113
9	2	42	553.41	-28.40	99.52	106	1	1	298.79	48.07	15.82	109	9	8	24	1	152.14	45.69	-148.67	113
9	2	45	584.33	-37.27	103.97	106	1	1	336.95	38.77	24.30	110	9	8	27	1	160.50	54.93	-136.43	113
9	2	48	616.42	-45.71	109.35	106	1	1	375.64	29.10	30.46	110	9	8	30	1	176.69	62.01	-117.73	113
9	2	51	648.09	-54.45	116.32	106	1	1	413.62	19.32	35.30	110	9	8	33	1	193.73	65.08	-91.72	113
9	2	54	680.72	-63.18	125.93	106	1	1	449.65	9.56	39.43	110	9	8	36	1	228.45	62.90	-65.21	113
9	2	57	712.41	-72.01	139.75	106	1	1	482.61	-0.11	43.20	110	9	8	39	1	261.59	56.66	-45.72	113
9	3	0	744.10	-80.88	159.28	106	1	1	511.40	-9.64	46.91	110	9	8	42	1	297.87	48.30	-33.01	113
9	3	3	775.79	-89.75	177.07	106	1	1	535.08	-19.00	50.83	110	PERIOD 96.032							
9	3	6	807.48	-98.66	195.26	106	1	1	552.80	-28.15	55.26	110	9	8	45	1	335.99	39.01	-24.46	114
9	3	9	839.17	-107.57	213.06	106	1	1	563.88	-37.02	60.61	110	9	8	48	1	374.66	29.34	-18.26	114
9	3	12	870.86	-116.48	230.86	106	1	1	567.82	-45.48	67.52	110	9	8	51	1	415.64	19.56	-13.38	114
9	3	15	902.55	-125.39	248.66	107	1	1	564.33	-53.25	77.03	110	9	8	54	1	448.71	9.80	-9.25	114
9	3	18	934.24	-134.30	266.50	107	1	1	553.34	-59.79	90.72	110	9	9	0	1	481.72	0.14	-5.47	114
9	3	21	965.93	-143.21	284.37	107	1	1	535.01	-64.11	110.10	110	9	9	3	1	510.60	-9.40	-1.76	114
9	3	24	997.62	-152.12	302.24	107	1	1	509.81	-64.92	133.70	110	9	9	6	1	534.38	-18.77	2.15	114
9	3	27	1029.31	-161.03	320.11	107	1	1	478.46	-61.79	155.64	110	9	9	9	1	552.23	-27.93	6.56	114
9	3	30	1061.00	-169.94	337.98	107	1	1	441.99	-55.66	172.00	110	9	9	12	1	563.45	-36.81	11.88	114
9	3	33	1092.69	-178.85	355.85	107	1	1	401.33	-47.70	176.63	110	9	9	15	1	567.55	-45.28	18.75	114
9	3	36	1124.38	-187.76	373.72	107	1	1	359.27	-38.64	168.50	111	9	9	18	1	564.23	-53.07	28.18	114
9	3	39	1156.07	-196.67	391.59	107	1	1	316.39	-28.88	162.31	111	9	9	21	1	553.40	-59.66	41.75	114
9	3	42	1187.76	-205.58	409.46	107	1	1	275.05	-18.63	152.75	111	9	9	24	1	535.23	-64.04	60.98	114
9	3	45	1219.45	-214.49	427.33	107	1	1	237.18	-8.03	148.44	111	9	9	27	1	510.18	-64.95	84.55	114
9	3	48	1251.14	-223.40	445.20	107	1	1	204.62	2.81	143.97	111	9	9	30	1	478.97	-61.91	106.60	114
9	3	51	1282.83	-232.31	463.07	107	1	1	178.93	13.78	143.97	111	9	9	33	1	442.62	-55.84	123.09	114
9	3	54	1314.52	-241.22	480.94	107	1	1	161.26	24.75	138.91	111	9	9	36	1	402.44	-47.91	134.57	114
9	3	57	1346.21	-250.13	498.81	107	1	1	152.30	35.53	132.67	111	9	9	39	1	360.02	-38.87	142.76	115
9	3	60	1377.90	-259.04	516.68	107	1	1	152.30	45.81	124.26	111	9	9	42	1	317.16	-29.12	148.99	115
9	3	63	1409.59	-267.95	534.55	107	1	1	160.64	55.03	111.96	111	9	9	45	1	275.78	-18.88	154.08	115
9	3	66	1441.28	-276.86	552.42	107	1	1	176.62	62.07	93.16	111	9	9	48	1	237.84	-8.28	158.58	115
PERIOD 96.039																				
9	4	0	337.47	38.64	48.68	108	1	1	176.62	62.07	93.16	111	9	9	51	1	237.84	-8.28	158.58	115
9	4	3	376.18	28.96	54.82	108	1	1	176.62	62.07	93.16	111	9	9	54	1	237.84	-8.28	158.58	115

9	9	54	1	205.17	2.55	162.88	115	9	12	42	1	479.37	-62.01	57.61	118	9	15	33	1	551.22	-27.56	-90.78	122
9	9	54	1	179.34	13.52	167.34	115	9	12	45	1	443.12	-55.99	74.23	118	9	15	36	1	562.67	-36.46	-85.50	122
9	9	57	1	161.51	24.49	172.39	115	9	12	48	1	403.02	-48.08	85.80	118	9	15	39	1	567.01	-44.95	-78.71	122
9	10	0	1	152.37	35.28	178.59	115	9	12	51	1	360.64	-39.06	94.04	119	9	15	42	1	563.94	-52.78	-69.41	122
9	10	3	1	152.09	45.58	-173.07	115	9	12	54	1	317.79	-29.32	100.30	119	9	15	45	1	553.37	-59.43	-56.04	122
9	10	6	1	160.36	54.84	-160.88	115	9	12	57	1	276.39	-19.09	105.41	119	9	15	48	1	535.46	-64.99	-37.03	122
9	10	9	1	176.48	61.95	-142.27	115	9	13	0	1	238.33	-8.50	109.92	119	9	15	51	1	510.66	-62.09	-13.54	122
9	10	12	1	199.45	65.08	-116.33	115	9	13	3	1	205.63	2.33	114.22	119	9	15	54	1	443.50	-56.11	8.69	122
9	10	15	1	228.12	62.95	-85.76	115	9	13	6	1	179.68	13.30	118.68	119	9	15	57	1	475.66	-48.24	25.42	122
9	10	18	1	261.22	56.74	-70.19	115	9	13	9	1	161.71	24.27	123.70	119	9	16	0	1	403.47	-48.24	37.05	122
9	10	21	1	297.46	48.40	-57.41	115	9	13	12	1	152.42	35.06	129.87	119	9	16	3	1	363.14	-39.23	45.34	122
9	10	24	1	335.56	39.12	-48.83	116	9	13	15	1	151.99	45.38	138.16	119	9	16	6	1	313.30	-29.50	51.63	123
9	10	27	1	374.22	29.45	-42.60	116	9	13	18	1	160.12	54.66	150.24	119	9	16	9	1	276.88	-19.27	61.27	123
9	10	30	1	412.20	19.67	-37.72	116	9	13	21	1	176.10	61.84	168.70	119	9	16	12	1	238.84	-8.69	65.57	123
9	10	33	1	448.28	9.91	-33.58	116	9	13	24	1	198.96	65.06	-165.47	119	9	16	15	1	206.00	13.11	70.03	123
9	10	36	1	481.32	0.24	-29.80	116	9	13	27	1	227.52	63.04	-138.82	119	9	16	18	1	179.95	24.08	75.04	123
9	10	39	1	510.24	-9.29	-26.09	116	9	13	30	1	260.54	56.80	-119.08	119	9	16	21	1	152.47	34.88	81.18	123
9	10	42	1	534.06	-18.66	-22.18	116	9	13	33	1	296.72	48.58	-106.20	119	9	16	24	1	151.91	45.21	89.42	123
9	10	45	1	551.96	-37.82	-17.78	116	9	13	36	1	334.78	39.31	-97.55	119	9	16	27	1	159.92	54.52	101.42	123
9	10	48	1	567.42	-36.71	-12.47	116	9	13	39	1	373.42	29.65	-91.29	120	9	16	30	1	175.79	61.74	119.74	123
9	10	51	1	567.42	-45.19	-5.63	116	9	13	42	1	411.40	19.87	-86.39	120	9	16	33	1	198.55	65.05	145.48	123
9	10	54	1	564.16	-52.99	3.77	116	9	13	45	1	447.51	10.11	-82.23	120	9	16	36	1	227.03	63.12	172.20	123
9	10	57	1	553.41	-59.59	17.28	116	9	13	48	1	480.58	0.44	-78.45	120	9	16	39	1	259.97	57.02	-167.93	123
9	11	0	1	535.32	-64.01	36.45	116	9	13	51	1	509.56	-9.10	-74.74	120	9	16	42	1	296.10	48.74	-154.95	123
9	11	3	1	510.33	-64.01	60.00	116	9	13	54	1	533.46	-18.47	-70.84	120	9	16	45	1	334.12	39.48	-146.24	123
9	11	6	1	479.18	-61.96	82.10	116	9	13	57	1	553.46	-27.64	-66.45	120	9	16	48	1	372.74	29.82	-139.95	124
9	11	9	1	442.88	-55.91	98.66	116	9	14	0	1	562.86	-36.53	-61.16	120	9	16	51	1	410.71	20.04	-135.03	124
9	11	12	1	402.74	-48.00	110.18	116	9	14	3	1	567.15	-45.02	-45.36	120	9	16	54	1	446.83	10.28	-130.87	124
9	11	15	1	360.35	-38.97	118.40	117	9	14	6	1	564.02	-52.84	-43.33	120	9	16	57	1	479.94	0.61	-127.08	124
9	11	18	1	317.49	-29.23	124.64	117	9	14	9	1	553.39	-59.48	-31.61	120	9	17	0	1	508.96	-8.94	-123.37	124
9	11	21	1	276.10	-18.99	129.74	117	9	14	12	1	535.43	-63.95	-12.56	120	9	17	3	1	532.93	-18.31	-119.48	124
9	11	24	1	238.13	-8.40	134.25	117	9	14	15	1	510.57	-64.98	10.95	120	9	17	6	1	551.00	-27.49	-115.10	124
9	11	27	1	205.41	2.44	138.55	117	9	14	18	1	479.53	-62.05	33.14	120	9	17	9	1	566.49	-36.38	-109.84	124
9	11	30	1	179.51	13.40	143.01	117	9	14	21	1	443.32	-56.05	49.82	120	9	17	12	1	566.87	-44.88	-103.06	124
9	11	33	1	161.61	24.38	148.04	117	9	14	24	1	403.26	-48.16	61.42	120	9	17	15	1	563.85	-52.72	-93.78	124
9	11	36	1	152.40	35.17	154.23	117	9	14	27	1	360.91	-39.15	69.69	121	9	17	18	1	553.33	-59.38	-80.45	124
9	11	39	1	152.04	45.47	162.54	117	9	14	30	1	318.06	-29.42	75.96	121	9	17	21	1	538.48	-61.49	-61.49	124
9	11	42	1	160.24	54.75	174.67	117	9	14	33	1	276.65	-19.19	81.08	121	9	17	24	1	510.72	-64.99	-38.01	124
9	11	45	1	176.28	61.89	-166.79	117	9	14	36	1	238.63	-8.60	85.59	121	9	17	27	1	479.77	-62.13	-15.75	124
9	11	48	1	199.19	65.07	-140.91	117	9	14	39	1	205.83	2.23	89.35	121	9	17	30	1	443.65	-56.17	1.02	124
9	11	51	1	227.81	63.00	-114.30	117	9	14	42	1	179.82	13.20	94.35	121	9	17	33	1	403.64	-48.30	12.69	124
9	11	54	1	260.86	56.72	-94.64	117	9	14	45	1	161.80	24.17	99.37	121	9	17	36	1	361.33	-39.30	21.01	124
9	11	57	1	297.08	48.49	-81.81	117	9	14	48	1	152.45	34.97	105.53	121	9	17	39	1	318.50	-27.58	27.30	125
9	12	0	1	335.15	39.22	-73.19	117	9	14	51	1	151.95	45.29	113.79	121	9	17	42	1	277.08	-19.35	32.44	125
9	12	3	1	373.80	29.56	-66.95	118	9	14	54	1	160.01	54.59	125.82	121	9	17	45	1	233.02	-8.77	36.95	125
9	12	6	1	411.78	19.78	-62.06	118	9	14	57	1	178.94	61.79	144.21	121	9	17	48	1	206.16	2.06	41.26	125
9	12	9	1	447.88	10.02	-57.91	118	9	15	0	1	198.74	63.06	169.99	121	9	17	51	1	180.07	13.03	45.11	125
9	12	12	1	480.94	0.35	-54.13	118	9	15	3	1	227.26	63.08	-163.32	121	9	17	54	1	161.94	24.00	50.71	125
9	12	15	1	509.89	-9.19	-50.42	118	9	15	6	1	260.24	56.96	-143.51	121	9	17	57	1	152.48	34.80	56.85	125
9	12	18	1	532.75	-18.56	-46.51	118	9	15	9	1	296.40	48.66	-130.58	121	9	18	0	1	151.88	65.06	65.06	125
9	12	21	1	551.70	-27.73	-42.12	118	9	15	12	1	334.43	39.40	-121.50	121	9	18	3	1	159.83	54.45	77.02	125
9	12	24	1	562.05	-36.62	-36.82	118	9	15	15	1	373.06	29.74	-115.62	122	9	18	6	1	175.66	61.70	95.29	125
9	12	27	1	567.28	-45.10	-30.00	118	9	15	18	1	411.04	19.96	-110.71	122	9	18	9	1	198.37	65.05	120.98	125
9	12	30	1	564.09	-52.91	-20.63	118	9	15	21	1	447.16	10.20	-106.55	122	9	18	12	1	226.81	63.15	147.74	125
9	12	33	1	553.40	-59.53	-7.17	118	9	15	24	1	480.25	0.53	-102.77	122	9	18	15	1	259.73	57.08	167.67	125
9	12	36	1	535.38	-63.98	11.94	118	9	15	27	1	509.25	-9.01	-99.06	122	9	18	18	1	295.84	-179.31	179.31	125
9	12	39	1	510.46	-64.97	35.47	118	9	15	30	1	533.19	-18.39	-95.16	122	9	18	21	1	333.83	39.45	-170.58	125

PERIOD	96.018	1	18	1	159.69	54.35	28.27	129	10	0	9	1	277.57	-19.59	-64.80	133
9	18	27	1	1	175.44	61.63	46.45	129	10	0	12	1	239.47	-9.01	-60.28	133
9	18	30	1	1	198.08	65.04	72.06	129	10	0	15	1	206.54	1.81	-55.97	133
9	18	33	1	1	226.46	63.21	98.86	129	10	0	18	1	180.35	12.78	-51.53	133
9	18	36	1	1	259.33	57.18	118.89	129	10	0	21	1	162.10	23.76	-46.54	133
9	18	39	1	1	295.39	48.92	131.99	129	10	0	24	1	152.51	34.57	-40.44	133
9	18	42	1	1	333.35	39.67	140.76	129	10	0	27	1	151.77	44.51	-32.28	133
9	18	45	1	1	371.94	30.02	147.08	130	10	0	30	1	159.58	54.56	-20.43	133
9	18	48	1	1	409.90	20.24	152.02	130	10	0	33	1	175.27	61.57	-2.33	133
9	18	51	1	1	446.02	10.48	156.20	130	10	0	36	1	197.87	65.03	23.23	133
9	18	54	1	1	479.15	0.80	159.99	130	10	0	39	1	226.20	63.25	50.07	133
9	18	57	1	1	508.22	-8.74	163.70	130	10	0	42	1	259.03	57.25	70.17	133
9	19	0	1	1	532.25	-18.13	167.59	130	10	0	45	1	295.05	49.00	83.32	133
9	19	3	1	1	550.40	-27.30	171.95	130	10	0	48	1	332.99	39.76	92.12	133
9	19	6	1	1	561.98	-36.21	177.20	130	10	0	51	1	371.55	30.11	98.46	134
9	19	9	1	1	566.47	-44.72	176.07	130	10	0	54	1	409.50	20.34	103.42	134
9	19	12	1	1	563.56	-52.57	166.85	130	10	0	57	1	445.62	10.57	107.59	134
9	19	15	1	1	553.16	-59.27	153.61	130	10	0	60	1	478.75	0.50	111.39	134
9	19	18	1	1	535.43	-63.84	134.76	130	10	0	63	1	507.83	-8.65	115.10	134
9	19	21	1	1	510.78	-65.01	111.32	130	10	0	66	1	531.87	-18.04	118.98	134
9	19	24	1	1	479.94	-62.21	88.98	130	10	0	69	1	550.05	-27.22	123.34	134
9	19	27	1	1	443.91	-66.30	72.09	130	10	0	72	1	561.67	-36.13	128.58	134
9	19	30	1	1	403.98	-68.46	60.34	130	10	0	75	1	566.20	-44.64	135.30	134
9	19	33	1	1	361.72	-69.76	51.98	130	10	0	78	1	563.34	-52.50	144.49	134
9	19	36	1	1	318.92	-79.54	45.65	131	10	0	81	1	552.99	-59.21	157.68	134
9	19	39	1	1	277.50	-89.96	35.67	131	10	0	84	1	510.72	-63.82	176.48	134
9	19	42	1	1	239.40	1.86	31.67	131	10	0	87	1	479.93	-65.02	160.10	134
9	19	45	1	1	206.68	12.83	27.22	131	10	0	90	1	443.94	-56.36	137.72	134
9	19	48	1	1	180.31	23.81	22.23	131	10	0	93	1	404.85	-48.53	108.98	134
9	19	51	1	1	162.08	34.61	16.13	131	10	0	96	1	361.82	-39.55	100.60	134
9	19	54	1	1	152.51	44.96	9.96	131	10	0	99	1	319.03	-29.84	94.26	135
9	19	57	1	1	151.79	54.30	3.91	131	10	0	102	1	277.62	-19.63	89.10	135
9	20	0	1	1	159.63	61.60	22.05	131	10	0	105	1	239.52	-9.05	84.57	135
9	20	3	1	1	175.35	65.03	47.63	131	10	0	108	1	206.58	1.77	80.27	135
9	20	6	1	1	197.96	63.23	74.46	131	10	0	111	1	180.38	12.74	75.83	135
9	20	9	1	1	226.02	57.21	94.53	131	10	0	114	1	162.12	23.72	70.84	135
9	20	12	1	1	259.16	48.96	107.65	131	10	0	117	1	152.51	34.53	64.74	135
9	20	15	1	1	295.20	39.72	116.44	131	10	0	120	1	151.74	44.88	56.60	135
9	20	18	1	1	333.35	30.07	122.77	132	10	0	123	1	159.54	54.23	44.76	135
9	20	21	1	1	371.73	20.29	127.72	132	10	0	126	1	175.22	61.55	36.69	135
9	20	24	1	1	409.69	10.53	131.69	132	10	0	129	1	197.79	65.02	28.16	135
9	20	27	1	1	445.81	0.85	135.69	132	10	0	132	1	226.11	63.26	25.70	135
9	20	30	1	1	478.94	-8.69	139.40	132	10	0	135	1	258.92	57.27	45.83	135
9	20	33	1	1	508.01	-18.08	143.28	132	10	0	138	1	294.93	49.00	59.00	135
9	20	36	1	1	532.05	-27.26	147.64	132	10	0	141	1	332.85	39.80	67.81	135
9	20	39	1	1	550.22	-36.16	152.88	132	10	0	144	1	371.40	30.15	74.16	136
9	20	42	1	1	561.82	-44.68	159.61	132	10	0	147	1	409.34	20.38	79.12	136
9	20	45	1	1	566.33	-52.54	168.81	132	10	0	150	1	445.45	10.53	83.30	136
9	20	48	1	1	563.45	-59.24	177.98	132	10	0	153	1	478.58	0.93	87.09	136
9	20	51	1	1	553.08	-63.83	159.15	132	10	0	156	1	507.66	-8.62	90.80	136
9	20	54	1	1	535.37	-65.02	135.72	132	10	0	159	1	531.71	-18.00	94.69	136
9	20	57	1	1	510.76	-62.21	113.35	132	10	0	162	1	549.90	-27.18	99.04	136
9	21	0	1	1	479.95	-56.33	96.44	132	10	0	165	1	561.52	-36.10	104.27	136
9	21	3	1	1	443.94	-68.46	84.66	132	10	0	168	1	566.07	-44.61	110.99	136
9	21	6	1	1	404.03	-76.29	76.29	132	10	0	171	1	563.22	-52.48	120.17	136
9	21	9	1	1	361.79	-89.96	69.96	133	10	0	174	1	552.89	-59.19	133.34	136
9	21	12	1	1	318.99	-29.80			10	0	177	1				136
9	21	15	1	1					10	0	180	1				136

10	11	36	1	152.41	34.47	149.54	147	10	14	27	1	360.88	-39.58	65.15	150	10	17	18	1	561.92	-52.50	-98.30	154
10	11	39	1	151.68	44.82	157.67	147	10	14	30	1	318.18	-29.87	71.50	151	10	17	21	1	551.48	-59.22	-85.10	154
10	11	42	1	159.49	54.18	169.48	147	10	14	33	1	276.87	-19.65	76.66	151	10	17	24	1	553.73	-63.82	-66.29	154
10	11	45	1	175.18	61.52	-172.49	147	10	14	36	1	238.88	-9.07	81.19	151	10	17	27	1	505.10	-65.02	-42.85	154
10	11	48	1	177.74	65.02	-176.99	147	10	14	39	1	206.06	1.76	85.49	151	10	17	30	1	478.29	-62.24	-20.46	154
10	11	51	1	226.04	63.29	-120.12	147	10	14	42	1	179.98	12.73	89.94	151	10	17	33	1	442.32	-56.34	-3.52	154
10	11	54	1	258.81	57.32	-99.94	147	10	14	45	1	161.84	23.70	94.92	151	10	17	36	1	403.47	-48.50	16.65	154
10	11	57	1	294.78	49.09	-86.74	147	10	14	48	1	151.67	44.86	101.06	151	10	17	39	1	360.32	-39.52	16.65	154
10	12	0	1	332.64	39.86	-77.91	147	10	14	51	1	151.67	44.86	109.16	151	10	17	42	1	317.65	-29.80	22.98	155
10	12	3	1	371.13	30.21	-71.55	148	10	14	54	1	159.55	54.22	120.99	151	10	17	45	1	276.37	-19.57	28.14	155
10	12	6	1	409.00	20.44	-66.59	148	10	14	57	1	175.28	61.54	139.05	151	10	17	48	1	238.44	-8.99	32.67	155
10	12	9	1	445.03	10.67	-62.40	148	10	15	0	1	197.89	65.02	164.57	151	10	17	51	1	205.70	1.84	36.97	155
10	12	12	1	478.09	0.99	-58.60	148	10	15	3	1	226.21	63.27	-168.57	151	10	17	54	1	179.71	12.81	41.42	155
10	12	15	1	507.09	-8.56	-54.90	148	10	15	6	1	258.99	57.29	-148.43	151	10	17	57	1	161.66	34.79	46.41	155
10	12	18	1	531.08	-17.95	-51.01	148	10	15	9	1	294.96	49.05	-135.25	151	10	18	0	1	152.26	52.52	52.52	155
10	12	21	1	549.20	-27.13	-46.66	148	10	15	12	1	332.81	39.82	-126.43	151	10	18	3	1	131.69	44.94	60.68	155
10	12	24	1	560.77	-36.05	-41.43	148	10	15	15	1	371.28	30.17	-120.08	152	10	18	6	1	159.65	54.29	72.54	155
10	12	27	1	565.28	-44.57	-34.73	148	10	15	18	1	409.11	20.40	-115.12	152	10	18	9	1	175.45	61.59	90.66	155
10	12	30	1	582.40	-52.44	-25.56	148	10	15	21	1	445.11	10.63	-110.94	152	10	18	12	1	198.11	65.03	116.22	155
10	12	33	1	592.05	-59.17	-12.40	148	10	15	24	1	478.12	0.95	-107.14	152	10	18	15	1	226.47	63.24	143.05	155
10	12	36	1	534.38	-63.79	6.36	148	10	15	27	1	507.07	-8.60	-103.43	152	10	18	18	1	259.28	57.23	163.14	155
10	12	39	1	509.81	-65.02	29.78	148	10	15	30	1	531.00	-17.99	-99.55	152	10	18	21	1	295.25	48.99	176.27	155
10	12	42	1	479.05	-62.28	52.20	148	10	15	33	1	549.06	-27.17	-95.19	152	10	18	24	1	333.10	39.75	-174.93	155
10	12	45	1	443.11	-56.40	69.18	148	10	15	36	1	560.58	-36.09	-89.96	152	10	18	27	1	371.54	30.10	-168.59	156
10	12	48	1	403.28	-48.58	81.00	148	10	15	39	1	565.02	-44.61	-83.25	152	10	18	30	1	409.34	20.32	-163.64	156
10	12	51	1	361.11	-39.60	89.41	148	10	15	42	1	562.09	-52.48	-74.06	152	10	18	33	1	445.29	10.56	-159.46	156
10	12	54	1	318.07	-29.89	95.76	149	10	15	45	1	551.68	-59.20	-60.88	152	10	18	36	1	478.24	0.88	-155.67	156
10	12	57	1	277.07	-19.67	100.92	149	10	15	48	1	535.96	-63.81	-42.09	152	10	18	39	1	507.13	-8.67	-151.96	156
10	13	0	1	239.06	-9.10	105.45	149	10	15	51	1	503.36	-65.02	-48.09	152	10	18	42	1	530.98	-18.06	-148.07	156
10	13	3	1	206.20	12.70	114.20	149	10	15	54	1	478.57	-56.37	-37.75	152	10	18	45	1	560.40	-36.15	-136.47	156
10	13	6	1	180.09	23.68	119.18	149	10	15	57	1	442.61	-56.37	20.70	152	10	18	48	1	564.76	-44.67	-131.74	156
10	13	9	1	161.91	34.49	125.28	149	10	16	0	1	402.77	-48.54	32.50	152	10	18	51	1	561.75	-52.53	-122.53	156
10	13	12	1	152.38	44.84	133.41	149	10	16	3	1	360.62	-39.55	40.89	152	10	18	54	1	551.27	-59.24	-109.31	156
10	13	15	1	151.67	44.84	145.23	149	10	16	6	1	317.93	-29.84	47.24	153	10	19	0	1	593.48	-63.83	-90.47	156
10	13	18	1	159.52	54.20	163.27	149	10	16	9	1	276.63	-19.64	52.40	153	10	19	3	1	508.82	-65.01	-67.02	156
10	13	21	1	175.22	61.53	163.27	149	10	16	12	1	238.67	-9.04	56.93	153	10	19	6	1	477.98	-62.22	-44.64	156
10	13	24	1	197.80	65.02	-171.22	149	10	16	15	1	205.89	1.79	61.23	153	10	19	9	1	441.99	-56.31	-27.73	156
10	13	27	1	226.11	63.28	-144.36	149	10	16	18	1	172.85	12.76	65.68	153	10	19	12	1	402.14	-48.46	-15.96	156
10	13	30	1	258.89	57.31	-124.19	149	10	16	21	1	161.76	23.74	70.66	153	10	19	15	1	359.99	-39.47	-7.60	156
10	13	33	1	294.85	49.08	-111.00	149	10	16	24	1	152.30	34.55	76.76	153	10	19	18	1	317.33	-19.52	-1.27	157
10	13	36	1	332.71	39.84	-102.17	149	10	16	27	1	151.68	44.90	84.91	153	10	19	21	1	276.08	-8.94	8.41	157
10	13	39	1	371.19	30.19	-95.82	150	10	16	30	1	159.59	54.25	96.76	153	10	19	24	1	238.19	-8.94	8.41	157
10	13	42	1	409.04	20.42	-90.86	150	10	16	33	1	175.36	61.56	114.84	153	10	19	27	1	205.49	1.89	12.72	157
10	13	45	1	445.06	10.65	-86.67	150	10	16	36	1	197.99	65.03	140.39	153	10	19	30	1	179.55	12.86	17.17	157
10	13	48	1	478.09	0.97	-82.88	150	10	16	39	1	226.33	63.26	167.23	153	10	19	33	1	161.56	23.84	22.16	157
10	13	51	1	507.07	-8.58	-79.17	150	10	16	42	1	259.12	57.26	-172.65	153	10	19	36	1	152.22	34.64	28.28	157
10	13	54	1	531.03	-17.96	-75.28	150	10	16	45	1	295.09	49.03	-159.49	153	10	19	39	1	151.70	44.98	36.45	157
10	13	57	1	549.13	-27.15	-70.93	150	10	16	48	1	332.94	39.79	-150.69	153	10	19	42	1	159.71	54.33	48.34	157
10	14	0	1	560.67	-36.06	-65.70	150	10	16	51	1	371.39	30.14	-144.34	154	10	19	45	1	175.55	61.61	66.49	157
10	14	3	1	565.15	-44.58	-58.99	150	10	16	54	1	409.21	20.36	-139.38	154	10	19	48	1	198.25	65.03	92.08	157
10	14	6	1	562.42	-52.46	-49.82	150	10	16	57	1	445.18	10.66	-135.20	154	10	19	51	1	226.64	63.22	118.89	157
10	14	9	1	551.87	-59.18	-36.65	150	10	17	0	1	478.17	0.92	-131.41	154	10	19	54	1	259.46	57.20	138.94	157
10	14	12	1	534.14	-63.80	-17.87	150	10	17	3	1	507.09	-8.63	-127.70	154	10	19	57	1	293.28	48.95	152.05	157
10	14	15	1	509.59	-65.02	5.55	150	10	17	6	1	530.98	-18.02	-123.81	154	10	20	0	1	333.10	39.70	160.83	157
10	14	18	1	478.87	-62.27	27.96	150	10	17	9	1	560.49	-36.12	-119.45	154	10	20	3	1	371.72	30.05	167.16	158
10	14	21	1	442.87	-56.39	44.94	150	10	17	12	1	564.89	-44.63	-107.50	154	10	20	6	1	409.50	20.28	172.10	158
10	14	24	1	403.04	-48.56	56.75	150	10	17	15	1	564.89	-44.63	-107.50	154	10	20	9	1	409.50	20.28	172.10	158

10	20	9	1	445.42	10.51	176.28	158	10	23	3	1	227.04	63.17	70.63	161	11	1	54	1	178.74	13.16	-79.80	165
10	20	12	1	478.34	0.84	-179.53	158	10	23	6	1	259.91	57.11	90.59	161	11	1	57	1	161.05	24.13	-74.78	165
10	20	15	1	507.18	-8.71	-176.22	158	10	23	9	1	295.91	48.84	103.63	161	11	2	0	1	152.00	34.93	-68.63	165
10	20	18	1	531.00	-18.10	-172.33	158	10	23	12	1	333.75	39.59	112.37	161	11	2	3	1	151.78	45.25	-60.38	165
10	20	21	1	548.94	-27.28	-167.96	158	PERIOD 95.976								11	2	6	1	160.05	54.56	-48.36	165
10	20	24	1	560.32	-36.20	-162.72	158	10	23	15	1	372.16	29.94	118.68	162	11	2	9	1	176.13	61.77	-30.00	165
10	20	27	1	564.64	-44.71	-155.98	158	10	23	18	1	409.89	20.16	123.61	162	11	2	12	1	199.01	65.06	-4.25	165
10	20	30	1	561.57	-52.57	-146.75	158	10	23	21	1	445.76	10.40	127.78	162	11	2	15	1	227.54	63.10	22.44	165
10	20	33	1	551.05	-59.27	-133.51	158	10	23	24	1	478.60	0.72	131.57	162	11	2	18	1	260.46	57.00	42.28	165
10	20	36	1	533.22	-63.85	-114.63	158	10	23	27	1	507.36	-8.83	135.28	162	11	2	21	1	296.49	48.71	55.24	165
10	20	39	1	508.51	-65.01	-91.17	158	10	23	30	1	531.08	-18.21	139.17	162	PERIOD 95.972							
10	20	42	1	477.65	-62.20	-68.81	158	10	23	33	1	548.91	-27.39	143.55	162	11	2	24	1	334.33	39.45	63.93	166
10	20	45	1	441.64	-56.27	-51.93	158	10	23	36	1	560.18	-36.30	148.81	162	11	2	27	1	372.71	29.79	70.21	166
10	20	48	1	401.77	-48.42	-40.19	158	10	23	39	1	564.38	-44.81	155.57	162	11	2	30	1	410.41	20.02	75.13	166
10	20	51	1	359.62	-39.42	-31.83	159	10	23	42	1	561.21	-52.66	164.83	162	11	2	33	1	446.20	10.25	79.29	166
10	20	54	1	316.98	-29.67	-25.51	159	10	23	45	1	550.57	-59.34	178.14	162	11	2	36	1	478.96	0.58	83.08	166
10	20	57	1	275.75	-19.49	-20.36	159	10	23	48	1	532.64	-63.89	-162.91	162	11	2	39	1	507.62	-8.57	86.79	166
10	21	0	1	237.90	-8.88	-15.84	159	10	23	51	1	507.84	-65.00	-139.41	162	11	2	42	1	531.22	-18.35	90.69	166
10	21	3	1	205.25	1.95	-11.53	159	10	23	54	1	476.91	-62.14	-117.11	162	11	2	45	1	548.93	-37.53	95.07	166
10	21	6	1	179.37	12.92	-7.08	159	10	23	57	1	440.84	-56.18	-100.30	162	11	2	48	1	560.06	-36.43	100.35	166
10	21	9	1	161.45	23.90	-2.08	159	11	0	0	1	400.95	-48.31	-88.61	162	11	2	51	1	564.13	-44.94	107.14	166
10	21	12	1	152.17	34.70	4.04	159	11	0	3	1	358.80	-39.30	-80.28	163	11	2	54	1	560.81	-52.78	116.46	166
10	21	15	1	151.71	45.04	12.23	159	11	0	6	1	316.18	-39.30	-73.98	163	11	2	57	1	550.04	-59.43	129.85	166
10	21	18	1	159.78	54.37	24.14	159	11	0	9	1	275.01	-19.33	-68.85	163	11	2	60	1	531.99	-63.93	148.89	166
10	21	21	1	175.67	61.64	42.34	159	11	0	12	1	237.25	-8.74	-64.33	163	11	2	63	0	507.09	-64.98	172.42	166
10	21	24	1	198.41	65.04	67.97	159	11	0	15	1	204.71	2.10	-60.02	163	11	2	66	1	476.06	-62.07	-165.34	166
10	21	27	1	226.83	63.20	94.75	159	11	0	18	1	178.97	13.07	-55.57	163	11	2	69	1	439.92	-56.07	-148.62	166
10	21	30	1	259.67	57.16	114.76	159	11	0	21	1	161.19	24.05	-50.56	163	11	2	72	1	399.59	-48.17	-137.00	166
10	21	33	1	295.66	48.90	127.83	159	11	0	24	1	152.06	34.85	-44.41	163	11	2	75	1	357.84	-39.14	128.71	167
10	21	36	1	333.50	39.65	136.59	159	11	0	27	1	151.75	45.18	-36.18	163	11	2	78	1	315.25	-29.40	122.43	167
10	21	39	1	371.92	30.00	142.92	160	11	0	30	1	159.95	54.49	-24.20	163	11	2	81	1	274.15	-19.16	117.31	167
10	21	42	1	409.68	20.22	147.85	160	11	0	33	1	175.96	61.72	-5.91	163	11	2	84	1	236.49	-8.56	-112.80	167
10	21	45	1	445.57	10.46	152.03	160	11	0	36	1	198.79	65.05	19.80	163	11	2	87	1	204.09	-2.28	-108.49	167
10	21	48	1	478.46	0.78	155.82	160	11	0	39	1	227.28	63.14	46.53	163	11	2	90	1	178.50	13.25	-104.03	167
10	21	51	1	507.26	-8.77	159.53	160	11	0	42	1	260.17	57.06	66.43	163	11	2	93	1	160.90	24.23	-99.01	167
10	21	54	1	531.03	-18.15	163.42	160	11	0	45	1	296.18	48.78	79.43	163	11	2	96	1	151.94	35.03	-92.84	167
10	21	57	1	548.92	-27.33	167.79	160	PERIOD 95.974							11	3	99	1	151.80	45.34	-84.57	167	
10	22	0	1	560.25	-36.24	173.04	160	11	1	0	1	372.42	29.87	94.44	164	11	3	42	1	160.16	54.63	-72.50	167
10	22	3	1	564.51	-44.76	179.79	160	11	1	3	1	410.14	20.09	99.37	164	11	3	45	1	176.31	61.81	-54.08	167
10	22	6	1	561.39	-52.61	170.96	160	11	1	6	1	445.97	10.33	103.53	164	11	3	48	1	199.26	65.06	-28.28	167
10	22	9	1	550.81	-59.31	157.69	160	11	1	9	1	478.77	0.65	107.32	164	11	3	51	1	227.83	63.06	-1.62	167
10	22	12	1	532.94	-63.87	138.78	160	11	1	12	1	507.48	-8.89	111.03	164	11	3	54	1	260.78	56.93	18.14	167
10	22	15	1	508.19	-65.00	-115.30	160	11	1	15	1	531.14	-18.28	114.93	164	11	3	57	1	296.82	48.63	31.05	167
10	22	18	1	477.29	-92.97	160	160	11	1	18	1	561.01	-52.72	140.64	164	PERIOD 95.969							
10	22	21	1	441.25	-76.12	160	160	11	1	21	1	550.31	-59.39	153.99	164	11	3	60	1	334.66	39.37	39.72	168
10	22	24	1	401.37	-64.40	160	160	11	1	24	1	548.91	-27.46	119.31	164	11	3	63	1	373.04	29.71	45.99	168
10	22	27	1	352.22	-39.36	-56.06	161	11	1	27	1	560.12	-36.36	124.58	164	11	3	66	1	410.70	19.93	50.90	168
10	22	30	1	316.59	-29.63	-49.75	161	11	1	30	1	564.25	-44.87	131.35	164	11	3	69	1	446.46	10.17	55.05	168
10	22	33	1	275.40	-19.40	-44.61	161	11	1	33	1	561.01	-52.72	140.64	164	11	3	72	1	479.17	0.49	58.84	168
10	22	36	1	237.59	-8.81	-40.08	161	11	1	36	1	550.31	-59.39	153.99	164	11	3	75	1	507.78	-9.05	62.55	168
10	22	39	1	204.99	2.02	-35.78	161	11	1	39	1	532.32	-63.91	172.98	164	11	3	78	1	548.95	-27.46	66.45	168
10	22	42	1	179.18	12.99	-31.33	161	11	1	42	1	507.48	-62.11	183.50	164	11	3	81	1	589.61	-52.84	70.84	168
10	22	45	1	161.32	23.97	-26.32	161	11	1	45	1	476.50	-62.11	194.23	164	11	3	84	1	630.01	-62.02	76.13	168
10	22	48	1	152.11	34.77	-20.19	161</																

11	4	45	1	439.42	-56.00	-172.76	168	11	7	36	1	559.92	-36.68	27.71	172	11	10	27	1	374.62	29.30	-50.87	176
11	4	48	1	399.47	-88.09	-161.18	188	11	7	39	1	563.74	-45.17	34.56	172	11	10	30	1	412.17	19.52	-48.00	176
11	4	51	1	357.31	-39.06	-152.92	169	11	7	42	1	540.18	-52.99	43.97	172	11	10	33	1	447.77	9.76	-41.87	176
11	4	54	1	314.74	-29.30	-146.65	169	11	7	45	1	565.17	-59.60	57.50	172	11	10	36	1	480.26	0.09	-38.09	176
11	4	57	1	273.68	-19.06	-141.54	169	11	7	48	1	530.89	-64.02	76.72	172	11	10	39	1	508.60	-9.45	-34.37	176
11	5	0	1	236.07	-8.46	-137.03	169	11	7	51	1	505.78	-64.93	100.32	172	11	10	42	1	531.83	-18.83	-30.46	176
11	5	3	1	203.74	2.38	-132.72	169	11	7	54	1	474.59	-61.93	122.43	172	11	10	45	1	549.14	-27.99	-26.04	176
11	5	6	1	178.25	13.36	-128.26	169	11	7	57	1	438.33	-55.85	138.98	172	11	10	48	1	559.85	-36.88	-20.70	176
11	5	9	1	160.73	24.33	-123.23	169	11	8	0	1	393.32	-47.91	150.48	172	11	10	51	1	563.47	-45.36	-13.80	176
11	5	12	1	151.88	35.13	-117.05	169	11	8	3	1	356.15	-38.86	158.69	173	11	10	54	1	559.72	-53.16	-4.31	176
11	5	15	1	141.84	45.44	-108.74	169	11	8	6	1	313.62	-29.09	164.92	173	11	10	57	1	548.52	-59.73	9.34	176
11	5	18	1	160.29	54.71	-98.64	169	11	8	9	1	272.64	-18.84	170.02	173	11	10	60	1	530.06	-64.09	28.70	176
11	5	21	1	176.51	61.87	-86.14	169	11	8	12	1	235.16	-8.23	174.52	173	11	10	63	1	504.80	-61.81	74.35	176
11	5	24	1	199.52	65.07	-82.29	169	11	8	15	1	202.99	2.61	178.83	173	11	10	66	1	473.47	-55.68	90.76	176
11	5	27	1	228.14	63.02	-75.67	169	11	8	18	1	167.68	13.59	-176.70	173	11	10	69	1	437.11	-47.71	102.17	176
11	5	30	1	261.12	56.86	-69.98	169	11	8	21	1	160.38	24.57	-171.65	173	11	10	72	1	397.05	-38.63	110.32	177
11	5	33	1	297.18	48.55	6.88	169	11	8	24	1	151.75	35.35	-165.44	173	11	10	75	1	354.87	-28.85	116.52	177
11	5	36	1	335.02	39.28	15.52	170	11	8	27	1	151.92	45.65	-157.08	173	11	10	78	1	312.37	-18.59	121.59	177
11	5	39	1	373.39	29.62	21.77	170	11	8	30	1	176.96	61.98	-144.86	173	11	10	81	1	271.48	-7.97	126.09	177
11	5	42	1	411.03	19.84	26.67	170	11	8	33	1	202.11	65.08	-126.20	173	11	10	84	1	234.13	-2.88	130.39	177
11	5	45	1	446.75	10.08	30.82	170	11	8	36	1	228.84	62.93	-100.24	173	11	10	87	1	202.15	13.86	134.87	177
11	5	48	1	479.41	0.40	34.60	170	11	8	39	1	261.89	56.70	-73.71	173	11	10	90	1	177.06	24.83	139.94	177
11	5	51	1	507.95	-9.14	38.32	170	11	8	42	1	297.99	48.36	-41.44	173	11	10	93	1	151.61	35.61	146.20	177
11	5	54	1	531.42	-18.52	42.22	170	11	8	45	1	335.84	39.08	-32.87	174	11	10	96	1	152.02	45.89	154.63	177
11	5	57	1	548.98	-27.69	46.62	170	11	8	48	1	374.18	29.48	-26.66	174	11	10	99	1	160.88	55.10	166.97	177
11	6	0	1	559.97	-36.59	51.92	170	11	8	51	1	411.76	29.48	-21.78	174	11	10	102	1	177.47	62.11	-174.19	177
11	6	3	1	563.87	-45.09	58.75	170	11	8	54	1	447.40	9.87	-17.64	174	11	10	105	1	200.78	65.09	-148.09	177
11	6	6	1	560.40	-52.91	68.12	170	11	8	57	1	474.95	0.20	-13.86	174	11	10	108	1	229.63	62.82	-121.68	177
11	6	9	1	549.47	-59.54	81.60	170	11	8	60	1	508.36	-9.34	-10.15	174	11	10	111	1	262.77	56.52	-102.35	177
11	6	12	1	531.27	-63.99	100.76	170	11	8	63	1	531.68	-18.72	-6.84	174	11	10	114	1	298.91	48.14	-89.74	177
11	6	15	1	506.82	-64.96	124.33	170	11	8	66	1	563.08	-27.89	-1.82	174	11	10	117	1	336.77	38.84	-81.24	178
11	6	18	1	475.11	-61.98	146.49	170	11	8	69	1	559.88	-36.78	3.50	174	11	10	120	1	375.09	29.18	-75.07	178
11	6	21	1	438.89	-55.93	163.10	170	11	8	72	1	563.61	-45.26	10.37	174	11	10	123	1	412.61	19.40	-70.21	178
11	6	24	1	398.91	-48.00	174.65	170	11	8	75	1	559.95	-53.07	19.82	174	11	10	126	1	448.16	9.64	-66.09	178
11	6	27	1	356.75	-38.96	-177.12	171	11	8	78	1	543.85	-59.67	33.41	174	11	10	129	1	480.59	-0.03	-62.31	178
11	6	30	1	314.19	-29.20	-170.87	171	11	8	81	1	530.48	-64.05	52.70	174	11	10	132	1	508.85	-9.57	-58.59	178
11	6	33	1	273.17	-18.95	-165.76	171	11	8	84	1	505.30	-64.94	76.32	174	11	10	135	1	549.21	-18.94	-54.67	178
11	6	36	1	235.63	-8.35	-161.26	171	11	8	87	1	474.04	-61.87	98.38	174	11	10	138	1	532.00	-28.11	-50.24	178
11	6	39	1	203.38	2.49	-156.95	171	11	8	90	1	431.74	-55.77	114.87	174	11	10	141	1	549.82	-36.99	-44.89	178
11	6	42	1	177.97	13.47	-152.48	171	11	8	93	1	397.70	-47.81	126.32	174	11	10	144	1	559.82	-45.46	-37.97	178
11	6	45	1	160.56	24.45	-147.44	171	11	8	96	1	357.53	-38.75	134.50	175	11	10	147	1	563.34	-53.25	-28.44	178
11	6	48	1	151.81	35.23	-141.24	171	11	8	99	1	313.01	-28.98	140.72	175	11	10	150	1	548.18	-59.81	-14.72	178
11	6	51	1	151.88	45.34	-132.91	171	11	8	102	1	272.07	-18.72	145.80	175	11	10	153	1	529.62	-64.12	4.72	178
11	6	54	1	160.42	54.80	-120.75	171	11	8	105	1	234.66	-8.11	150.30	175	11	10	156	1	504.27	-64.91	28.38	178
11	6	57	1	176.73	61.92	-102.18	171	11	8	108	1	202.58	2.74	154.61	175	11	10	159	1	472.87	-61.75	50.33	178
11	7	0	1	199.80	65.07	-76.27	171	11	8	111	1	177.38	13.72	159.08	175	11	10	162	1	436.66	-55.59	66.67	178
11	7	3	1	228.48	62.98	-49.70	171	11	8	114	1	160.19	24.69	164.14	175	11	10	165	1	396.36	-47.59	78.03	178
11	7	6	1	261.49	56.79	-30.09	171	11	8	117	1	151.68	35.48	170.38	175	11	10	168	1	354.17	-38.51	86.14	179
11	7	9	1	297.57	48.46	-17.29	171	11	8	120	1	151.96	45.76	178.77	175	11	10	171	1	311.69	-28.72	92.32	179
11	7	12	1	335.42	39.18	-8.68	172	11	8	123	1	160.72	54.99	-168.95	175	11	10	174	1	270.85	-18.45	97.39	179
11	7	15	1	373.77	29.52	-2.45	172	11	8	126	1	177.21	62.05	-150.20	175	11	10	177	1	233.58	-18.45	101.88	179
11	7	18	1	411.38	19.74	2.44	172	11	8	129	1	200.43	65.08	-124.18	175	11	10	180	1	201.70	3.03	106.18	179
11	7	21	1	447.06	9.98	6.59	172	11	8	132	1	223.22	62.87	-97.70	175	11	10	183	1	176.72	14.01	110.67	179
11	7	24	1	479.67	0.31	10.37	172	11	8	135	1	262.32	56.61	-78.27	175	11	10	186	1	159.79	24.98	115.75	179
11	7	27	1	508.15	-9.24	14.08	172	11	8	138	1	298.44	48.25	-65.59	175	11	10	189	1	151.53	35.75	122.03	179
11	7	30	1	531.54	-18.61	17.99	172	11	8	141	1	336.29	38.96	-57.06	176	11	10	192	1	152.07	40.02	130.49	179
11	7	33	1	549.03	-27.79	22.39	172	11	8	144	1	336.29	38.96	-57.06	176	11	10	195	1	161.06	55.21	142.90	179

11	13	21	1	177.75	62.19	-161.85	179	11	16	12	1	232.40	-7.52	53.47	183	11	19	3	501.93	-64.83	-67.27	186
11	13	24	1	201.35	65.09	-171.99	179	11	16	15	1	200.73	3.34	57.77	183	11	19	6	470.20	-61.45	-65.59	186
11	13	27	1	230.06	62.75	-145.64	179	11	16	18	1	176.01	14.33	62.27	183	11	19	9	433.54	-55.15	-59.59	186
11	13	30	1	263.25	56.42	-126.41	179	11	16	21	1	159.36	25.29	67.38	183	11	19	12	393.29	-47.07	-10.48	186
11	13	33	1	299.42	48.02	-113.87	179	11	16	24	1	151.39	36.06	73.70	183	11	19	15	351.07	-37.93	-18.48	186
PERIOD 95.955								11	16	27	1	152.21	46.31	82.25	183	11	19	18	308.68	-28.11	-4.42	187
11	13	36	1	337.28	38.72	-105.41	180	11	16	30	1	161.45	55.45	94.81	183	11	19	21	268.06	-17.81	0.61	187
11	13	39	1	375.58	29.05	-99.27	180	11	16	33	1	178.37	62.34	113.99	183	11	19	24	231.13	-7.17	5.07	187
11	13	42	1	413.08	19.27	-94.42	180	11	16	36	1	201.95	65.10	140.29	183	11	19	27	199.69	13.89	9.38	187
11	13	45	1	448.57	9.51	-90.30	180	11	16	39	1	231.01	62.62	166.50	183	11	19	30	175.25	14.68	13.89	187
11	13	48	1	480.94	-0.16	-86.53	180	11	16	42	1	264.29	56.20	-174.50	183	11	19	33	158.90	25.65	19.02	187
11	13	51	1	509.13	-9.70	-82.81	180	11	16	45	1	300.52	47.76	-162.11	183	11	19	36	151.24	36.40	25.40	187
11	13	54	1	532.18	-19.07	-78.89	180	PERIOD 95.951								11	19	39	152.36	46.62	34.05	187
11	13	57	1	549.30	-37.11	-74.45	180	11	16	48	1	338.39	38.44	-153.75	184	11	19	42	161.89	55.71	46.78	187
11	14	0	1	559.80	-37.11	-69.08	180	11	16	51	1	376.66	28.76	-147.65	184	11	19	45	179.05	62.50	66.20	187
11	14	3	1	563.20	-55.57	-62.13	180	11	16	54	1	414.09	18.98	-142.83	184	11	19	48	202.83	65.10	92.66	187
11	14	6	1	559.23	-33.35	-52.55	180	11	16	57	1	449.48	9.23	-136.73	184	11	19	51	232.05	62.46	118.70	187
11	14	9	1	547.82	-59.88	-38.76	180	11	17	0	1	481.71	-0.44	-134.96	184	11	19	54	265.45	55.95	137.45	187
11	14	12	1	529.16	-64.16	-19.25	180	11	17	3	1	509.73	-9.97	-131.24	184	11	19	57	301.73	47.47	149.67	187
11	14	15	1	503.72	-64.89	4.44	180	11	17	6	1	532.59	-19.34	-127.30	184	PERIOD 95.946						
11	14	18	1	472.25	-61.68	26.33	180	11	17	9	1	549.49	-28.49	-122.84	184	11	20	0	339.62	38.14	157.95	188
11	14	21	1	435.78	-55.49	42.59	180	11	17	12	1	559.76	-37.36	-117.44	184	11	20	3	377.86	28.45	163.99	188
11	14	24	1	395.65	-47.47	53.89	180	11	17	15	1	562.93	-45.81	-110.43	184	11	20	6	415.21	8.52	168.78	188
11	14	27	1	353.45	-38.37	61.97	181	11	17	18	1	558.71	-53.56	-100.75	184	11	20	9	450.49	-0.75	172.87	188
11	14	30	1	310.99	-38.58	68.13	181	11	17	21	1	547.07	-60.05	-86.81	184	11	20	12	482.57	-19.63	176.63	188
11	14	33	1	270.20	-18.30	73.19	181	11	17	24	1	528.19	-64.24	-67.12	184	11	20	15	510.40	-10.27	-179.65	188
11	14	36	1	233.01	-77.67	81.98	181	11	17	27	1	470.91	-64.85	-43.39	184	11	20	18	533.05	-19.53	-175.70	188
11	14	39	1	201.22	3.18	86.47	181	11	17	30	1	434.32	-55.27	-5.54	184	11	20	21	549.71	-28.78	-171.22	188
11	14	42	1	176.38	14.16	91.56	181	11	17	33	1	394.11	-47.21	5.64	184	11	20	24	559.73	-37.64	-165.77	188
11	14	45	1	159.58	25.13	97.86	181	11	17	36	1	351.90	-38.09	13.64	184	11	20	27	562.64	-46.08	-158.69	188
11	14	48	1	151.46	35.90	106.37	181	11	17	39	1	309.48	-28.27	19.76	185	11	20	30	558.16	-53.80	-148.91	188
11	14	51	1	152.14	46.16	118.85	181	11	17	42	1	268.80	-17.98	24.79	185	11	20	33	546.26	-60.23	-134.79	188
11	14	54	1	161.25	55.33	137.91	181	11	17	45	1	209.48	-7.35	29.27	185	11	20	36	501.29	-64.80	-91.14	188
11	14	57	1	178.05	62.26	164.14	181	11	17	48	1	231.78	-7.35	33.58	185	11	20	39	469.46	-61.37	-69.54	188
11	15	0	1	201.53	65.10	164.14	181	11	17	51	1	200.22	3.51	38.08	185	11	20	42	432.73	-55.03	-53.63	188
11	15	3	1	230.52	62.69	-169.58	181	11	17	54	1	159.13	25.47	43.20	185	11	20	45	392.45	-46.92	-2.59	188
11	15	6	1	263.76	56.31	-150.46	181	11	17	57	1	151.31	36.23	49.55	185	11	20	48	307.85	-37.77	-34.66	188
11	15	9	1	299.95	47.90	-137.99	181	11	18	0	1	151.31	36.23	49.55	185	11	20	51	267.28	-27.94	-23.58	189
PERIOD 95.953								11	18	3	1	152.28	46.66	58.15	185	11	20	54	230.45	-17.63	-19.12	189
11	15	12	1	337.82	38.58	-129.58	182	11	18	6	1	161.66	55.58	70.79	185	11	21	0	189.14	-6.99	-14.81	189
11	15	15	1	376.11	28.91	-123.46	182	11	18	9	1	178.70	62.42	90.08	185	11	21	3	174.84	14.87	-10.29	189
11	15	18	1	413.57	19.13	-118.63	182	11	18	12	1	202.38	65.10	116.46	185	11	21	6	158.66	25.83	-5.15	189
11	15	21	1	449.01	9.37	-114.52	182	11	18	15	1	231.52	62.54	142.59	185	11	21	9	151.17	36.58	1.26	189
11	15	24	1	481.31	-0.29	-110.74	182	11	18	18	1	264.86	56.08	161.47	185	11	21	12	152.17	46.79	9.96	189
11	15	27	1	509.42	-9.83	-107.03	182	11	18	21	1	301.11	47.62	173.78	185	11	21	15	152.45	55.86	22.78	189
11	15	30	1	532.38	-19.20	-103.10	182	PERIOD 95.948								11	21	18	162.12	62.59	42.34	189
11	15	33	1	549.39	-28.36	-98.65	182	11	18	24	1	338.99	38.29	-177.90	186	11	21	21	179.42	55.86	42.34	189
11	15	36	1	559.78	-37.23	-93.26	182	11	18	27	1	377.25	28.81	-171.83	186	11	21	24	183.10	62.59	42.34	189
11	15	39	1	563.07	-45.69	-86.28	182	11	18	30	1	414.64	18.93	-167.03	186	11	21	27	203.31	65.07	68.87	189
11	15	42	1	558.97	-53.45	-76.66	182	11	18	33	1	449.97	9.08	-162.93	186	11	21	30	232.61	62.37	94.83	189
11	15	45	1	547.45	-59.96	-62.79	182	11	18	36	1	482.13	-0.59	-159.17	186	11	21	33	266.07	55.82	113.44	189
11	15	48	1	528.69	-64.20	-43.19	182	11	18	39	1	510.05	-10.12	-155.45	186	11	21	36	302.38	47.32	125.58	189
11	15	51	1	503.15	-64.87	-19.48	182	11	18	42	1	532.81	-19.48	-151.50	186	PERIOD 95.944						
11	15	54	1	471.61	-61.61	2.34	182	11	18	45	1	549.59	-28.63	-147.03	186	11	21	39	340.28	37.97	133.80	190
11	15	57	1	435.06	-55.38	18.52	182	11	18	48	1	559.74	-37.50	-141.61	186	11	21	42	378.50	28.28	139.82	190
11	16	0	1	394.89	-47.35	29.76	182	11	18	51	1	562.78	-45.94	-134.56	186	11	21	45	415.81	18.50	144.58	190
11	16	3	1	352.69	-38.23	37.80	183	11	18	54	1	558.44	-53.68	-124.84	186	11	21	48	451.03	8.75	148.67	190
11	16	6	1	310.25	-28.43	43.94	183	11	18	57	1	546.67	-60.14	-110.81	186	11	21	51	482.03	-0.91	152.43	190
11	16	9	1	269.51	-18.14	48.99	183	11	19	0	1	527.68	-64.28	-91.03	186	11	21	54	510.76	-10.44	156.15	190

11	21	54	1	533.30	-19.79	160.10	190	PERIOD	95.939	341.69	37.62	85.52	194	12	3	39	1	152.89	47.54	-86.28	197
11	21	57	1	549.83	-28.94	164.60	190	12	0	48	12	0	194	12	3	42	1	163.22	56.48	-73.04	197
11	22	0	1	559.72	-37.79	170.07	190	12	0	51	12	0	194	12	3	45	1	181.09	62.95	-52.88	197
11	22	3	1	562.49	-46.22	177.18	190	12	0	54	12	0	194	12	3	48	1	205.45	65.07	-26.04	197
11	22	6	1	557.87	-53.92	172.97	190	12	0	57	12	0	194	12	3	51	1	235.12	61.98	-0.52	197
11	22	9	1	545.83	-60.32	158.76	190	12	1	0	1	0	194	12	3	54	1	268.82	55.21	17.51	197
11	22	12	1	526.59	-64.36	138.78	190	12	1	3	1	10.76	194	12	3	57	1	303.28	46.62	29.26	197
11	22	15	1	500.62	-68.77	114.98	190	12	1	6	1	11.73	194	12	3	59	1	343.21	37.24	37.26	198
11	22	18	1	468.70	-71.28	93.47	190	12	1	9	1	12.25	194	12	4	0	1	381.36	27.54	43.16	198
11	22	21	1	431.90	-74.89	77.67	190	12	1	12	1	16.27	194	12	4	3	1	418.49	17.76	47.86	198
11	22	24	1	391.57	-78.77	66.69	190	12	1	15	1	18.94	194	12	4	6	1	453.44	8.01	51.90	198
11	22	27	1	349.32	-83.60	58.80	191	12	1	18	1	21.35	194	12	4	9	1	485.08	-1.68	55.65	198
11	22	30	1	306.99	-88.43	52.76	191	12	1	21	1	24.54	194	12	4	12	1	512.38	-11.16	59.38	198
11	22	33	1	266.48	-93.27	47.76	191	12	1	24	1	27.42	194	12	4	15	1	534.42	-20.50	63.37	198
11	22	36	1	229.75	-98.09	43.31	191	12	1	27	1	30.40	194	12	4	18	1	550.40	-29.63	67.92	198
11	22	39	1	198.57	-102.92	39.00	191	12	1	30	1	33.40	194	12	4	21	1	559.70	-38.46	73.49	198
11	22	42	1	174.43	-107.75	34.47	191	12	1	33	1	36.40	194	12	4	24	1	561.85	-46.85	80.77	198
11	22	45	1	158.41	-112.58	29.31	191	12	1	36	1	39.40	194	12	4	27	1	556.62	-54.48	90.89	198
11	22	48	1	151.09	-117.41	24.87	191	12	1	39	1	42.40	194	12	4	30	1	543.98	-60.74	105.52	198
11	22	51	1	152.55	-122.24	20.44	191	12	1	42	1	45.40	194	12	4	33	1	524.17	-64.54	125.94	198
11	22	54	1	162.38	-127.07	18.50	191	12	1	45	1	48.40	194	12	4	36	1	497.69	-64.83	149.81	198
11	22	57	1	179.81	-131.90	16.50	191	12	1	48	1	51.40	194	12	4	39	1	465.35	-60.86	170.93	198
11	23	0	1	203.81	-136.73	14.51	191	12	1	51	1	54.40	194	12	4	42	1	428.23	-54.31	-173.71	198
11	23	3	1	233.20	-141.56	12.51	191	12	1	54	1	57.40	194	12	4	45	1	387.71	-46.08	-163.03	198
11	23	6	1	266.71	-146.39	10.51	191	12	1	57	1	60.40	194	12	4	48	1	345.43	-36.84	-155.32	199
11	23	9	1	303.06	-151.22	8.51	191	12	1	60	1	63.40	194	12	4	51	1	303.22	-26.95	-149.38	199
11	23	12	1	340.97	-156.05	6.51	192	12	1	63	1	66.40	194	12	4	54	1	263.00	-16.60	-144.45	199
11	23	15	1	379.17	-160.88	4.51	192	12	1	66	1	69.40	194	12	4	57	1	226.71	-5.93	-140.01	199
11	23	18	1	416.44	-165.71	2.51	192	12	1	69	1	72.40	194	12	4	60	1	196.10	4.95	-135.70	199
11	23	21	1	451.60	-170.54	0.51	192	12	1	72	1	75.40	194	12	4	63	1	172.65	15.95	-131.15	199
11	23	24	1	483.51	-175.37	0.00	192	12	1	75	1	78.40	194	12	4	66	1	157.37	26.90	-125.90	199
11	23	27	1	511.14	-180.20	0.00	192	12	1	78	1	81.40	194	12	4	69	1	150.82	37.61	-119.32	199
11	23	30	1	532.56	-185.03	0.00	192	12	1	81	1	84.40	194	12	4	72	1	153.02	47.74	-110.32	199
11	23	33	1	559.71	-189.86	0.00	192	12	1	84	1	87.40	194	12	4	75	1	163.53	56.64	-96.96	199
11	23	36	1	586.86	-194.69	0.00	192	12	1	87	1	90.40	194	12	4	78	1	181.55	63.05	-69.71	199
11	23	39	1	613.99	-199.52	0.00	192	12	1	90	1	93.40	194	12	4	81	1	206.04	65.06	-44.32	199
11	23	42	1	641.12	-204.35	0.00	192	12	1	93	1	96.40	194	12	4	84	1	235.81	61.87	-24.32	199
11	23	45	1	668.25	-209.18	0.00	192	12	1	96	1	99.40	194	12	4	87	1	269.58	55.05	-6.45	199
11	23	48	1	695.38	-214.01	0.00	192	12	1	99	1	102.40	194	12	4	90	1	306.08	46.43	5.20	199
11	23	51	1	722.51	-218.84	0.00	192	12	1	102	1	105.40	194	12	4	93	1	344.02	37.04	13.14	200
11	23	54	1	749.64	-223.67	0.00	192	12	1	105	1	108.40	194	12	4	96	1	382.14	27.33	19.01	200
11	23	57	1	776.77	-228.50	0.00	192	12	1	108	1	111.40	194	12	4	99	1	419.23	17.55	23.69	200
12	0	0	1	803.90	-233.33	0.00	193	12	1	111	1	114.40	196	12	5	0	1	454.10	7.80	27.72	200
12	0	3	1	831.03	-238.16	0.00	193	12	1	114	1	117.40	196	12	5	3	1	485.65	-1.85	31.47	200
12	0	6	1	858.16	-242.99	0.00	193	12	1	117	1	120.40	196	12	5	6	1	512.83	-11.36	35.20	200
12	0	9	1	885.29	-247.82	0.00	193	12	1	120	1	123.40	196	12	5	9	1	540.73	-20.70	39.19	200
12	0	12	1	912.42	-252.65	0.00	193	12	1	123	1	126.40	196	12	5	12	1	568.56	-29.82	43.77	200
12	0	15	1	939.55	-257.48	0.00	193	12	1	126	1	129.40	196	12	5	15	1	596.40	-38.65	47.36	200
12	0	18	1	966.68	-262.31	0.00	193	12	1	129	1	132.40	196	12	5	18	1	624.24	-47.02	50.95	200
12	0	21	1	993.81	-267.14	0.00	193	12	1	132	1	135.40	196	12	5	21	1	652.08	-55.85	54.63	200
12	0	24	1	1020.94	-271.97	0.00	193	12	1	135	1	138.40	196	12	5	24	1	679.92	-64.68	58.39	200
12	0	27	1	1048.07	-276.80	0.00	193	12	1	138	1	141.40	196	12	5	27	1	707.76	-73.52	62.15	200
12	0	30	1	1075.20	-281.63	0.00	193	12	1	141	1	144.40	196	12	5	30	1	735.60	-82.36	65.91	200
12	0	33	1	1102.33	-286.46	0.00	193	12	1	144	1	147.40	196	12	5	33	1	763.44	-91.20	69.67	200
12	0	36	1	1129.46	-291.29	0.00	193	12	1	147	1	150.40	196	12	5	36	1	791.28	-100.04	73.43	200
12	0	39	1	1156.59	-296.12	0.00	193	12	1	150	1	153.40	196	12	5	39	1	819.12	-108.88	77.19	200
12	0	42	1	1183.72	-300.95	0.00	193	12	1	153	1	156.40	196	12	5	42	1	846.96	-117.72	81.05	200
12	0	45	1	1210.85	-305.78	0.00	193	12	1	156	1	159.40	196	12	5	45	1	874.80	-126.56	84.91	200
12	0	48	1	1237.98	-310.61	0.00	193	12	1	159	1	162.40	196	12	5	48	1	902.64	-135.40	88.77	200
12	0	51	1	1265.11	-315.44	0.00	193	12	1	162	1	165.40	196	12	5	51	1	930.48	-144.24	92.63	200
12	0	54	1	1292.24	-320.27	0.00	193	12	1	165	1	168.40	196	12	5	54	1	958.32	-153.08	96.49	200
12	0	57	1	1319.37	-325.10	0.00	193	12	1	168	1	171.40	196	12	5	57	1	986.16	-161.92	100.35	200
12	0	60	1	1346.50	-329.93	0.00	193	12	1	171	1	174.40	196	12	5	60	1	1014.00	-170.76	104.21	200
12	0	63	1	1373.63	-334.76	0.00	193	12	1	174	1	177.40	196	12	5	63	1	1041.84	-179.60	108.07	200
12	0	66	1	1400.76	-339.59	0.00	193	12	1	177	1	180.40	196	12	5	66	1	1069.68	-188.44	111.93	200
12	0	69	1	1427.89	-344.42	0.00	193	12	1	180	1	183.40	196	12	5	69	1	1097.52	-197.28	115.79	200
12	0	72	1	1455.02	-349.25	0.00	193	12	1	183	1	186.40	196	12	5	72	1	1125.36	-206.12	119.65	200
12	0	75	1	1482.15	-354.08	0.00	193	12	1	186	1	189.40	196	12	5	75	1	1153.20	-214.96	123.51	200
12	0	78	1	1509.28																	

12	6	30	1	302.20	-26.73	-173.53	201	1	542.42	-61.08	33.91	204	1	488.11	-2.73	-65.24	208
12	6	33	1	262.06	-16.37	-168.61	201	1	522.13	-66.67	54.70	204	1	514.78	-12.23	-61.49	208
12	6	36	1	225.89	-5.70	-164.18	201	1	495.23	-64.49	78.58	204	1	536.08	-21.55	-57.46	208
12	6	39	1	195.44	5.19	-159.87	201	1	462.53	-60.50	99.35	204	1	551.26	-39.44	-47.09	208
12	6	42	1	172.17	16.19	-155.30	201	1	425.15	-53.80	114.35	204	1	559.69	-47.76	-39.55	208
12	6	45	1	157.10	27.14	-150.04	201	1	384.48	-45.48	124.78	204	1	560.95	-55.28	-29.00	208
12	6	48	1	130.76	37.84	-143.42	201	1	342.17	-36.19	132.34	205	1	534.81	-61.33	-13.74	208
12	6	51	1	153.16	47.95	-134.34	201	1	300.07	-26.26	138.19	205	1	541.29	-64.76	7.31	208
12	6	54	1	163.85	56.82	-120.86	201	1	260.19	-15.80	143.08	205	1	520.66	-64.38	31.19	208
12	6	57	1	182.04	63.15	-100.36	201	1	224.19	-5.20	147.49	205	1	493.45	-60.22	51.69	208
12	7	0	1	206.66	65.04	-73.36	201	1	194.07	5.70	151.81	205	1	460.50	-53.42	76.69	208
12	7	3	1	236.53	61.75	-48.11	201	1	171.20	16.69	156.40	205	1	422.93	-45.05	89.93	209
12	7	6	1	270.37	54.87	-30.40	201	1	156.55	27.64	161.71	205	1	382.16	-25.76	94.78	209
12	7	9	1	306.90	46.23	-18.86	201	1	127.97	65.00	-120.60	205	1	192.64	-4.67	99.19	209
PERIOD 95.930									PERIOD 95.920								
12	7	12	1	344.85	36.83	-10.97	202	1	346.61	36.38	-59.19	206	1	348.48	35.91	-107.39	210
12	7	15	1	382.96	27.12	-5.14	202	1	384.67	26.67	-53.43	206	1	386.49	26.19	-101.70	210
12	7	18	1	420.00	17.34	-0.48	202	1	421.60	16.89	-48.81	206	1	423.31	16.41	-97.12	210
12	7	21	1	454.79	7.59	3.54	202	1	456.24	7.14	-44.80	206	1	457.77	6.67	-93.13	210
12	7	24	1	486.23	-2.06	7.29	202	1	487.47	-2.50	-37.32	206	1	488.77	-2.97	-89.40	210
12	7	27	1	512.29	-11.56	11.02	202	1	514.27	-12.00	-33.30	206	1	515.30	-12.46	-85.65	210
12	7	30	1	535.05	-20.90	15.03	202	1	535.73	-21.33	-28.68	206	1	536.45	-21.78	-81.61	210
12	7	33	1	550.73	-30.02	19.61	202	1	551.08	-30.43	-22.89	206	1	551.44	-30.88	-71.18	210
12	7	36	1	559.70	-38.83	25.24	202	1	555.20	-47.57	-15.50	206	1	559.69	-47.96	-63.59	210
12	7	39	1	561.51	-47.19	32.62	202	1	551.14	-55.11	10.08	206	1	560.75	-55.45	-52.94	210
12	7	42	1	555.93	-54.78	42.90	202	1	521.41	-64.71	31.00	206	1	564.41	-61.45	-37.54	210
12	7	45	1	582.96	-60.97	57.76	202	1	494.35	-64.44	54.88	206	1	567.95	-64.80	-16.35	210
12	7	48	1	582.83	-64.63	78.43	202	1	461.53	-60.36	75.52	206	1	567.95	-64.80	-16.35	210
12	7	51	1	496.07	-64.54	102.31	202	1	424.06	-53.61	90.39	206	1	560.75	-63.59	-52.94	210
12	7	54	1	463.50	-60.62	123.20	202	1	383.34	-45.27	100.73	206	1	554.41	-55.45	-52.94	210
12	7	57	1	426.21	-53.97	138.33	202	1	341.02	-35.96	108.23	207	1	540.70	-61.45	-37.54	210
12	8	0	1	385.59	-45.69	148.84	202	1	298.96	-26.02	114.06	207	1	519.89	-64.32	-7.51	210
12	8	3	1	385.29	-36.41	156.45	203	1	223.30	-4.94	123.34	207	1	492.52	-60.08	27.88	210
12	8	6	1	301.15	-26.50	162.33	203	1	193.37	5.97	127.66	207	1	459.44	-53.22	42.48	210
12	8	9	1	261.09	-16.14	167.23	203	1	170.70	27.90	132.26	207	1	421.78	-44.82	52.65	210
12	8	12	1	225.05	-5.45	171.65	203	1	150.28	38.58	144.33	207	1	380.95	-35.47	60.04	211
12	8	15	1	194.77	5.44	175.97	203	1	153.64	48.63	153.65	207	1	338.62	-25.50	65.80	211
12	8	18	1	171.69	16.44	-179.45	203	1	164.92	57.37	167.54	207	1	296.64			
12	8	21	1	156.83	27.39	-174.17	203	1	183.61	63.45	171.40	207	1				
12	8	24	1	150.70	38.08	-167.51	203	1	208.66	64.97	-144.19	207	1				
12	8	27	1	153.31	48.17	-158.36	203	1	238.85	61.36	-119.39	207	1				
12	8	30	1	164.19	57.00	-144.74	203	1	272.91	54.31	-102.20	207	1				
12	8	33	1	182.54	63.25	-124.06	203	1	309.56	45.59	-90.99	207	1				
12	8	36	1	207.30	65.02	-96.99	203	1	347.53	36.15	-83.29	208	1				
12	8	39	1	237.27	61.62	-71.88	203	1	385.57	26.43	-77.57	208	1				
12	8	42	1	271.19	54.69	-54.34	203	1	422.44	16.65	-72.97	208	1				
12	8	45	1	307.76	46.03	-42.91	203	1	456.99	6.91	-68.97	208	1				
PERIOD 95.927									PERIOD 95.923								
12	8	48	1	345.72	36.61	-35.08	204	1	347.53	36.15	-83.29	208	1				
12	8	51	1	383.80	26.90	-29.29	204	1	385.57	26.43	-77.57	208	1				
12	8	54	1	420.79	17.12	-24.65	204	1	422.44	16.65	-72.97	208	1				
12	8	57	1	455.50	7.37	-20.63	204	1	456.99	6.91	-68.97	208	1				
12	9	0	1	486.84	-2.27	-16.89	204	1	456.99	6.91	-68.97	208	1				
12	9	3	1	513.77	-11.78	-13.15	204	1	456.99	6.91	-68.97	208	1				
12	9	6	1	535.39	-21.11	-9.14	204	1	456.99	6.91	-68.97	208	1				
12	9	9	1	550.90	-30.22	-4.53	204	1	456.99	6.91	-68.97	208	1				
12	9	12	1	559.70	-39.03	1.12	204	1	456.99	6.91	-68.97	208	1				
12	9	15	1	561.33	-47.38	8.55	204	1	456.99	6.91	-68.97	208	1				
12	9	18	1	555.57	-54.94	18.92	204	1	456.99	6.91	-68.97	208	1				

12	21	19	48	173.98	62.47	37.08	9	13	0	10	48	226.45	-7.14	-71.40	13	13	3	1	48	500.28	-64.93	169.20	16
12	21	22	48	198.15	65.30	63.57	9	13	0	13	48	194.57	3.76	-67.12	13	13	3	4	48	461.47	-61.53	-169.30	16
12	21	25	48	227.91	62.82	90.02	9	13	0	16	48	169.87	14.79	-62.64	13	13	3	7	48	429.76	-54.83	-142.77	16
12	21	28	48	261.96	56.37	109.12	9	13	0	19	48	153.47	25.80	-57.53	13	13	3	10	48	388.54	-46.64	-134.98	17
12	21	31	48	298.98	47.90	121.51	9	13	0	22	48	145.95	36.60	-51.16	13	13	3	13	48	345.45	-37.41	-129.00	17
12	21	34	48	337.66	38.55	129.85	9	13	0	25	48	147.41	46.87	-42.49	13	13	3	16	48	302.37	-27.52	-124.06	17
PERIOD 95.909								13	0	28	48	157.45	55.99	-39.67	13	13	3	19	48	261.26	-17.16	-124.06	17
12	21	37	48	376.70	28.05	135.92	10	13	0	31	48	175.27	62.78	-10.02	13	13	3	22	48	222.08	-6.46	-119.64	17
12	21	40	48	414.83	19.05	140.69	10	13	0	34	48	199.81	65.30	16.75	13	13	3	25	48	192.65	4.46	-115.36	17
12	21	43	48	450.84	9.29	144.76	10	13	0	37	48	229.87	62.52	42.88	13	13	3	28	48	168.48	15.49	-110.85	17
12	21	46	48	483.59	-0.38	148.49	10	13	0	40	48	264.13	55.90	61.52	13	13	3	31	48	152.66	26.50	-105.68	17
12	21	49	48	512.01	-9.92	152.17	10	13	0	43	48	301.27	47.36	73.59	13	13	3	34	48	145.74	37.27	-99.20	17
12	21	52	48	535.15	-19.29	156.06	10	13	0	46	48												
12	21	55	48	552.20	-28.46	160.47	10	13	0	49	48	339.99	37.97	81.76	14	13	3	52	48	147.79	47.49	-90.33	17
12	21	58	48	562.49	-37.34	165.82	10	13	0	52	48	378.98	28.27	87.72	14	13	3	55	48	158.36	56.51	-77.17	17
12	21	61	48	565.54	-45.81	172.76	10	13	0	55	48	416.98	18.47	92.44	14	13	3	58	48	176.66	63.08	-57.01	17
12	22	4	48	561.09	-53.59	177.65	10	13	0	58	48	452.80	8.71	96.48	14	13	3	61	48	201.95	65.27	-29.98	17
12	22	7	48	549.09	-60.13	163.80	10	13	0	61	48	485.28	-0.96	100.20	14	13	3	64	48	231.95	62.20	-4.21	17
12	22	10	48	529.74	-64.39	144.12	10	13	0	64	48	513.38	-10.49	103.89	14	13	3	67	48	266.42	55.41	13.93	17
12	22	13	48	503.53	-65.07	120.24	10	13	1	4	48	536.14	-19.85	107.80	14	13	3	70	48	303.69	46.78	25.69	17
12	22	16	48	471.23	-61.79	98.29	10	13	1	7	48	552.77	-29.00	112.25	14	13	3	73	48				
12	22	19	48	433.90	-55.52	82.08	10	13	1	10	48	562.61	-37.86	117.68	14	13	3	76	48				
12	22	22	48	392.92	-47.45	70.86	10	13	1	13	48	565.19	-46.30	124.74	14	13	3	79	48				
12	22	25	48	349.90	-38.30	62.85	11	13	1	16	48	560.27	-54.03	134.53	14	13	3	82	48				
12	22	28	48	306.70	-28.46	56.74	11	13	1	19	48	547.79	-60.46	148.71	14	13	3	85	48				
12	22	31	48	265.27	-18.14	51.73	11	13	1	22	48	528.01	-64.54	168.74	14	13	3	88	48				
12	22	34	48	227.60	-7.47	47.28	11	13	1	25	48	501.40	-64.98	167.30	14	13	3	91	48				
12	22	37	48	195.51	3.43	43.00	11	13	1	28	48	468.76	-61.46	145.64	14	13	3	94	48				
12	22	40	48	170.56	14.46	38.53	11	13	1	31	48	431.18	-55.07	129.78	14	13	3	97	48				
12	22	43	48	153.87	25.47	33.44	11	13	1	34	48	390.04	-46.92	118.80	14	13	3	100	48				
12	22	46	48	146.07	36.28	27.12	11	13	1	37	48	346.97	-37.72	110.94	15	13	3	103	48				
12	22	49	48	147.25	46.57	18.55	11	13	1	40	48	303.85	-27.84	104.92	15	13	3	106	48				
12	22	52	48	157.02	55.74	5.89	11	13	1	43	48	262.82	-17.49	99.95	15	13	3	109	48				
12	22	55	48	174.61	62.62	13.51	11	13	1	46	48	225.27	-6.81	95.52	15	13	3	112	48				
12	22	58	48	198.97	65.30	40.14	11	13	1	49	48	193.62	4.11	91.24	15	13	3	115	48				
12	23	1	48	228.87	62.68	66.45	11	13	1	52	48	169.18	15.14	86.75	15	13	3	118	48				
12	23	4	48	263.03	56.14	85.32	11	13	1	55	48	153.06	26.15	81.60	15	13	3	121	48				
12	23	7	48	300.11	47.63	97.55	11	13	1	58	48	145.84	36.93	75.18	15	13	3	124	48				
PERIOD 95.907								13	1	61	48	147.59	47.17	66.42	15	13	3	127	48				
12	23	10	48	338.81	38.26	105.80	12	13	2	1	48	157.89	56.25	53.43	15	13	3	130	48				
12	23	13	48	377.82	28.56	111.82	12	13	2	4	48	147.59	47.17	49.52	15	13	3	133	48				
12	23	16	48	415.89	18.77	116.57	12	13	2	7	48	175.95	62.93	33.53	15	13	3	136	48				
12	23	19	48	451.81	9.00	120.62	12	13	2	10	48	200.69	65.29	26.63	15	13	3	139	48				
12	23	22	48	484.42	-0.67	124.35	12	13	2	13	48	230.89	62.37	19.33	15	13	3	142	48				
12	23	25	48	512.69	-10.20	128.03	12	13	2	16	48	265.26	55.66	37.72	15	13	3	145	48				
12	23	28	48	535.64	-19.57	131.93	12	13	2	19	48	302.46	47.07	49.64	15	13	3	148	48				
12	23	31	48	552.48	-28.72	136.36	12	13	2	22	48												
12	23	34	48	562.55	-37.60	141.75	12	13	2	25	48	341.20	37.68	57.72	16	13	3	151	48				
12	23	37	48	565.37	-46.05	148.74	12	13	2	28	48	380.16	27.96	63.63	16	13	3	154	48				
12	23	40	48	560.69	-53.81	158.43	12	13	2	31	48	418.10	18.16	68.32	16	13	3	157	48				
12	23	43	48	548.45	-60.29	172.45	12	13	2	34	48	452.82	8.40	72.35	16	13	3	160	48				
12	23	46	48	528.89	-64.47	167.70	12	13	2	37	48	486.16	-1.26	76.06	16	13	3	163	48				
12	23	49	48	502.48	-65.03	143.78	12	13	2	40	48	514.09	-10.78	79.75	16	13	3	166	48				
12	23	52	48	470.01	-61.64	121.97	12	13	2	43	48	536.66	-20.14	83.68	16	13	3	169	48				
12	23	55	48	432.56	-55.30	105.93	12	13	2	46	48	553.06	-29.28	88.15	16	13	3	172	48				
12	23	58	48	391.50	-47.19	94.83	12	13	2	49	48	562.67	-38.13	93.62	16	13	3	175	48				
12	23	61	48	348.46	-38.01	86.89	13	13	2	52	48	565.01	-46.55	100.74	16	13	3	178	48				
13	0	4	48	305.29	-28.15	80.83	13	13	2	55	48	559.83	-54.25	110.65	16	13	3	181	48				
13	0	7	48	263.96	-17.82	75.84	13	13	2	58	48	547.12	-60.63	125.00	16	13	3	184	48				
								13				527.10	-64.62	145.21	16	13	3	187	48				

13	5	52	48	537.71	-20.74	35.44	20	PERIOD	95.892	13	8	46	48	346.37	36.39	-38.41	24	13	11	37	48	149.01	49.16	150.31	27
13	5	55	48	553.66	-29.86	39.97	20	13	8	49	48	385.22	26.66	385.22	26.66	-32.70	24	13	11	40	48	161.04	57.87	164.49	27
13	5	58	48	562.77	-38.70	45.51	20	13	8	52	48	422.87	16.86	422.87	16.86	-28.12	24	13	11	43	48	180.59	63.83	-173.96	27
13	6	1	48	564.60	-47.08	52.92	20	13	8	55	48	458.13	7.11	458.13	7.11	-24.16	24	13	11	46	48	203.57	65.10	-146.39	27
13	6	4	48	558.91	-54.72	62.92	20	13	8	58	48	489.88	-2.04	489.88	-2.04	-20.46	24	13	11	49	48	237.73	61.23	-121.75	27
13	6	7	48	545.69	-60.98	77.63	20	13	8	61	48	517.07	-12.04	517.07	-12.04	-16.75	24	13	11	52	48	272.75	54.01	-104.92	27
13	6	10	48	525.20	-64.76	98.22	20	13	8	64	48	538.80	-21.37	538.80	-21.37	-12.77	24	13	11	55	48	310.33	45.19	-93.97	27
13	6	13	48	497.96	-68.80	122.25	20	13	8	67	48	554.26	-30.48	554.26	-30.48	-8.19	24	13	11	58	48	349.15	35.70	-86.45	28
13	6	16	48	464.79	-60.96	143.41	20	13	8	70	48	562.86	-39.29	562.86	-39.29	-2.55	24	13	12	1	48	387.93	25.96	-80.84	28
13	6	19	48	426.81	-54.34	158.72	20	13	8	73	48	564.15	-47.64	564.15	-47.64	4.87	24	13	12	4	48	425.42	16.16	-76.32	28
13	6	22	48	385.43	-46.05	169.32	20	13	8	76	48	557.92	-55.20	557.92	-55.20	15.26	24	13	12	7	48	460.43	6.42	-72.39	28
13	6	25	48	362.31	-36.77	176.96	21	13	8	79	48	544.18	-61.34	544.18	-61.34	30.35	24	13	12	10	48	491.85	-12.71	-68.70	28
13	6	28	48	299.32	-26.84	-177.15	21	13	8	82	48	523.19	-84.90	523.19	-84.90	51.33	24	13	12	13	48	516.64	-22.03	-64.98	28
13	6	31	48	258.44	-16.45	-172.26	21	13	8	85	48	495.51	-64.65	495.51	-64.65	75.38	24	13	12	16	48	539.91	-55.70	-60.97	28
13	6	34	48	221.62	-5.74	-167.86	21	13	8	88	48	461.97	-50.57	461.97	-50.57	96.16	24	13	12	19	48	554.87	-31.12	-56.33	28
13	6	37	48	150.67	5.19	-163.57	21	13	8	91	48	423.71	-53.80	423.71	-53.80	111.09	24	13	12	22	48	562.92	-39.91	-50.59	28
13	6	40	48	167.06	16.23	-159.03	21	13	8	94	48	382.17	-45.44	382.17	-45.44	121.43	24	13	12	25	48	563.65	-48.21	-43.00	28
13	6	43	48	151.85	27.22	-153.80	21	13	8	97	48	339.02	-36.10	339.02	-36.10	128.92	25	13	12	28	48	556.86	-55.70	-32.33	28
13	6	46	48	145.57	37.98	-147.20	21	13	8	100	48	296.14	-26.13	296.14	-26.13	134.71	25	13	12	31	48	542.56	-61.70	-16.82	28
13	6	49	48	148.23	48.14	-138.12	21	13	8	103	48	255.51	-15.71	255.51	-15.71	139.56	25	13	12	34	48	521.06	-65.02	4.54	28
13	6	52	48	159.36	57.04	-124.58	21	13	8	106	48	219.08	-4.98	219.08	-4.98	143.94	25	13	12	37	48	492.92	-64.48	28.56	28
13	6	55	48	178.15	65.39	-103.88	21	13	8	109	48	188.63	5.96	188.63	5.96	148.23	25	13	12	40	48	459.00	-60.16	48.94	28
13	6	58	48	203.49	65.23	-76.61	21	13	8	112	48	165.62	17.00	165.62	17.00	152.80	25	13	12	43	48	420.46	-53.24	63.47	28
13	7	1	48	234.16	61.84	-51.25	21	13	8	115	48	145.44	27.99	145.44	27.99	158.11	25	13	12	46	48	378.76	-44.78	73.56	28
13	7	4	48	268.85	54.87	-33.62	21	13	8	118	48	148.73	48.81	148.73	48.81	174.15	25	13	12	49	48	335.58	-35.39	80.89	29
13	7	7	48	306.25	46.17	-22.19	21	13	8	121	48	160.46	57.59	160.46	57.59	171.89	25	13	12	52	48	292.82	-25.38	86.60	29
13	7	10	48	345.03	36.73	-14.38	22	13	8	124	48	179.75	63.69	179.75	63.69	150.63	25	13	12	55	48	252.47	-14.94	91.39	29
13	7	13	48	382.91	27.00	-8.62	22	13	8	127	48	205.51	65.15	205.51	65.15	-150.63	25	13	12	58	48	216.54	-4.18	95.75	29
13	7	16	48	421.64	17.20	-4.02	22	13	8	130	48	236.50	61.44	236.50	61.44	-123.15	25	13	13	1	48	186.54	6.77	100.05	29
13	7	19	48	457.02	7.45	-0.04	22	13	8	133	48	271.42	54.30	271.42	54.30	-98.26	25	13	13	4	48	164.16	17.61	104.66	29
13	7	22	48	488.92	-2.20	3.67	22	13	8	136	48	308.93	45.53	308.93	45.53	-81.16	25	13	13	7	48	150.28	28.79	110.05	29
13	7	25	48	516.31	-11.71	7.37	22	13	8	139	48	347.74	36.05	347.74	36.05	-62.43	26	13	13	10	48	145.35	39.48	116.91	29
13	7	28	48	538.25	-21.05	11.33	22	13	8	142	48	386.56	26.31	386.56	26.31	-56.77	26	13	13	13	48	149.31	49.51	126.49	29
13	7	31	48	562.96	-30.17	15.88	22	13	8	145	48	424.13	16.52	424.13	16.52	-52.22	26	13	13	16	48	181.46	58.15	140.90	29
13	7	34	48	562.82	-38.99	21.48	22	13	8	148	48	459.27	6.77	459.27	6.77	-48.27	26	13	13	19	48	207.66	65.04	162.75	29
13	7	37	48	564.38	-54.96	28.82	22	13	8	151	48	490.85	-2.87	490.85	-2.87	-44.58	26	13	13	22	48	238.98	61.01	-169.61	29
13	7	40	48	558.42	-54.96	39.09	22	13	8	154	48	517.85	-12.37	517.85	-12.37	-40.87	26	13	13	25	48	274.12	53.70	-145.24	29
13	7	43	48	544.95	-61.16	53.98	22	13	8	157	48	539.35	-21.70	539.35	-21.70	-36.87	26	13	13	28	48	311.76	44.85	-117.89	29
13	7	46	48	524.21	-64.83	74.76	22	13	8	160	48	554.57	-30.80	554.57	-30.80	-32.27	26	13	13	31	48	350.59	35.34	-110.46	30
13	7	49	48	496.75	-64.73	98.81	22	13	8	163	48	562.89	-39.59	562.89	-39.59	-26.58	26	13	13	34	48	389.32	25.60	-104.91	30
13	7	52	48	463.28	-60.77	119.78	22	13	8	166	48	563.91	-47.92	563.91	-47.92	-32.27	26	13	13	37	48	426.73	15.80	-100.42	30
13	7	55	48	425.28	-54.08	134.90	22	13	8	169	48	567.40	-55.45	567.40	-55.45	-8.54	26	13	13	40	48	461.61	6.06	-96.50	30
13	7	58	48	382.82	-45.75	145.38	22	13	8	172	48	543.38	-61.52	543.38	-61.52	6.75	26	13	13	43	48	492.86	-3.58	-92.81	30
13	8	1	48	340.68	-36.44	152.94	23	13	8	175	48	522.14	-64.96	522.14	-64.96	27.93	26	13	13	46	48	519.45	-13.06	-89.09	30
13	8	4	48	297.74	-26.49	158.78	23	13	8	178	48	494.23	-64.57	494.23	-64.57	51.96	26	13	13	49	48	540.47	-22.37	-85.06	30
13	8	7	48	256.98	-16.09	163.65	23	13	8	181	48	460.50	-60.37	460.50	-60.37	72.55	26	13	13	52	48	555.17	-31.46	-80.39	30
13	8	10	48	220.36	-5.37	168.04	23	13	8	184	48	422.11	-53.53	422.11	-53.53	97.28	26	13	13	55	48	562.95	-40.23	-74.60	30
13	8	13	48	189.65	5.57	172.33	23	13	8	187	48	380.48	-45.11	380.48	-45.11	87.28	26	13	13	58	48	563.59	-48.51	-66.91	30
13	8	16	48	166.34	16.61	176.88	23	13	8	190	48	337.32	-35.75	337.32	-35.75	104.90	27	13	13	61	48	556.30	-55.66	-56.09	30
13	8	19	48	151.45	27.60	-177.85	23	13	8	193	48	294.50	-25.76	294.50	-25.76	110.65	27	13	13	64	48	541.72	-61.88	-40.38	30
13	8	22	48	145.50	38.34	-171.19	23	13	8	196	48	254.00	-15.33	254.00	-15.33	115.47	27	13	13	67	48	519.95	-55.07	-18.81	30
13	8	25	48	188.47	48.47	-161.99	23	13	8	199	48	217.78	-4.59	217.78	-4.59	119.84	27	13	13	70	48	491.57	-64.38	5.18	30
13	8	28	48	159.90	57.31	-148.25	23	13	8	202	48	187.59	6.36	187.59	6.36	124.14	27	13	13	73	48	457.46	-59.94	25.34	30
13	8	31	48	178.93	63.54	-127.27	23	13	8	205	48	164.89	17.40	164.89	17.40	128.73	27	13	13	76	48	418.78	-52.94	39.67	30
13	8	34	48	204.49	65.19	-99.89	23	13	8	208	48	150.66	28.38	150.66	28.38	134.07	27	13	13	79	48	376.99	-44.44	49.63	30
13	8	37	48	235.32	61.64	-74.76	23	13	8	211	48														

13	14	28	48	291.12	-24.99	62.54	31	13	17	19	48	539.95	-62.24	-87.40	34	13	20	10	48	497.07	-5.08	170.78	38
13	14	31	48	250.91	-14.53	67.31	31	13	17	22	48	517.64	-65.17	-65.45	34	13	20	13	48	522.77	-14.54	174.53	38
13	14	34	48	215.12	-3.77	71.67	31	13	17	25	48	488.78	-64.15	-41.55	34	13	20	16	48	542.78	-23.82	178.63	38
13	14	37	48	185.48	7.19	75.97	31	13	17	28	48	454.27	-59.47	-21.84	34	13	20	19	48	556.36	-32.86	-176.56	38
13	14	40	48	163.43	18.23	80.60	31	13	17	31	48	415.30	-52.32	-7.91	34	13	20	22	48	562.94	-41.57	-170.52	38
13	14	43	48	149.89	29.20	86.03	31	13	17	34	48	373.36	-43.73	-1.78	34	13	20	25	48	562.16	-49.76	-162.44	38
13	14	46	48	145.32	39.88	92.97	31	13	17	37	48	330.16	-34.25	8.87	35	13	20	28	48	553.84	-57.02	-150.97	38
13	14	49	48	149.63	49.87	102.68	31	13	17	40	48	287.63	-24.19	14.45	35	13	20	31	48	538.07	-65.24	-134.32	38
13	14	52	48	162.27	58.44	117.33	31	13	17	43	48	247.72	-13.70	19.17	35	13	20	34	48	515.19	-65.24	-111.99	38
13	14	55	48	182.36	64.11	139.48	31	13	17	46	48	212.39	-2.92	23.51	35	13	20	37	48	485.83	-63.90	-88.23	38
13	14	58	48	208.78	64.98	167.19	31	13	17	49	48	183.34	8.05	27.82	35	13	20	40	48	450.92	-58.96	-68.99	38
13	15	1	48	240.27	60.77	168.72	31	13	17	52	48	161.96	19.10	32.50	35	13	20	43	48	411.66	-41.66	-55.48	38
13	15	4	48	275.52	53.39	182.42	31	13	17	55	48	149.15	30.06	38.01	35	13	20	46	48	369.57	-42.99	-39.12	39
13	15	7	48	313.22	44.50	181.81	31	13	17	58	48	143.32	40.70	45.12	35	13	20	49	48	326.38	-33.45	-33.64	39
13	15	10	48	352.06	34.98	184.47	32	13	18	1	48	150.33	50.61	55.13	35	13	20	52	48	284.01	-23.34	-28.96	39
13	15	13	48	390.75	25.22	128.97	32	13	18	4	48	162.61	59.01	55.13	35	13	20	55	48	244.44	-12.83	-24.64	39
13	15	16	48	428.07	15.53	124.51	32	13	18	7	48	184.25	64.37	93.05	35	13	20	58	48	209.59	-24.64	-20.31	39
13	15	19	48	462.82	5.99	120.60	32	13	18	10	48	211.12	64.81	120.83	35	13	21	1	48	181.16	8.96	-15.58	39
13	15	22	48	493.89	-3.94	116.92	32	13	18	13	48	242.95	60.28	144.34	35	13	21	4	48	160.49	20.00	-15.58	39
13	15	25	48	520.26	-13.42	113.19	32	13	18	16	48	278.43	52.73	160.08	35	13	21	7	48	148.45	30.95	-9.97	39
13	15	28	48	541.04	-22.72	109.15	32	13	18	19	48	316.25	43.77	170.36	35	13	21	10	48	145.38	41.54	-2.69	39
13	15	31	48	555.47	-31.80	104.44	32	13	18	22	48	355.10	34.22	177.52	36	13	21	13	48	151.12	51.37	-2.69	39
13	15	34	48	562.96	-40.55	98.59	32	13	18	25	48	393.70	24.46	177.52	36	13	21	16	48	151.12	51.37	-2.69	39
13	15	37	48	563.10	-48.81	90.82	32	13	18	28	48	430.82	14.46	177.52	36	13	21	19	48	165.06	59.59	23.35	39
13	15	40	48	555.71	-56.22	84.81	32	13	18	31	48	465.29	4.93	168.80	36	13	21	22	48	186.26	64.62	46.76	39
13	15	43	48	540.85	-62.06	79.84	32	13	18	34	48	495.99	-4.69	165.13	36	13	21	25	48	213.59	64.61	74.54	39
13	15	46	48	518.81	-65.12	74.81	32	13	18	37	48	524.92	-14.16	161.38	36	13	21	28	48	245.76	59.75	97.41	39
13	15	49	48	490.19	-64.27	71.75	32	13	18	40	48	542.20	-32.45	157.30	36	13	21	31	48	281.48	52.03	112.60	39
13	15	52	48	455.88	-59.70	68.81	32	13	18	43	48	566.07	-32.45	157.30	36	13	21	34	48	358.26	33.42	129.52	40
13	15	55	48	417.06	-52.64	65.88	32	13	18	46	48	562.96	-41.23	146.56	36	13	21	37	48	396.76	23.65	134.16	40
13	15	58	48	375.20	-44.09	62.06	32	13	18	49	48	562.96	-49.44	138.58	36	13	21	40	48	433.68	13.86	139.16	40
13	16	1	48	332.01	-34.64	62.87	33	13	18	52	48	554.48	-56.75	127.28	36	13	21	43	48	467.85	4.14	143.01	40
13	16	4	48	289.39	-24.59	58.49	33	13	18	55	48	539.02	-62.42	110.88	36	13	21	46	48	498.16	-5.47	146.68	40
13	16	7	48	249.33	-14.12	54.24	33	13	18	58	48	516.43	-65.20	88.73	36	13	21	49	48	523.62	-14.93	150.44	40
13	16	10	48	213.76	-3.35	47.58	33	13	18	61	48	487.32	-64.03	64.89	36	13	21	52	48	543.36	-24.20	154.57	40
13	16	13	48	184.42	7.62	41.89	33	13	19	1	48	452.61	-59.22	45.42	36	13	21	55	48	556.65	-33.23	159.42	40
13	16	16	48	162.69	18.66	36.55	33	13	19	4	48	413.50	-52.00	31.70	36	13	21	58	48	562.92	-41.92	165.52	40
13	16	19	48	149.52	29.63	32.01	33	13	19	7	48	371.48	-43.36	22.14	36	13	21	61	48	561.81	-50.08	173.71	40
13	16	22	48	145.31	40.28	26.04	33	13	19	10	48	328.29	-33.86	15.12	37	13	21	64	48	530.08	-62.78	-174.64	40
13	16	25	48	149.97	50.24	21.79	33	13	19	13	48	285.83	-23.77	9.60	37	13	21	67	48	513.92	-65.26	-157.74	40
13	16	28	48	162.93	58.72	16.25	33	13	19	16	48	246.09	-13.27	4.90	37	13	21	70	48	484.31	-63.75	-111.55	40
13	16	31	48	183.29	64.25	11.25	33	13	19	19	48	210.99	-2.48	0.57	37	13	21	73	48	448.31	-58.69	-92.57	40
13	16	34	48	209.93	64.00	6.00	33	13	19	22	48	182.25	8.50	3.76	37	13	21	76	48	409.78	-51.33	-79.26	40
13	16	37	48	241.59	60.53	1.81	33	13	19	25	48	161.22	19.55	8.45	37	13	21	79	48	367.61	-42.60	-69.97	40
13	16	40	48	276.96	53.06	176.17	33	13	19	28	48	148.79	30.50	14.01	37	13	21	82	48	324.43	-33.03	-63.11	41
13	16	43	48	314.72	44.14	165.72	33	13	19	31	48	145.34	41.12	21.21	37	13	21	85	48	282.15	-22.91	-57.67	41
13	16	46	48	353.56	34.60	158.48	34	13	19	34	48	150.71	50.99	31.37	37	13	21	88	48	242.76	-12.33	-53.02	41
13	16	49	48	392.21	24.84	153.03	34	13	19	37	48	164.32	59.50	46.80	37	13	21	91	48	208.17	-1.56	-48.70	41
13	16	52	48	429.43	15.05	148.60	34	13	19	40	48	185.24	64.50	69.89	37	13	21	94	48	180.06	9.43	-44.36	41
13	16	55	48	464.04	5.31	144.70	34	13	19	43	48	212.33	64.71	97.68	37	13	21	97	48	159.76	20.47	-39.61	41
13	16	58	48	494.93	-4.31	141.02	34	13	19	46	48	244.34	60.02	120.87	37	13	21	100	48	148.11	31.40	-33.55	41
13	17	1	48	521.09	-13.79	137.29	34	13	19	49	48	279.93	52.38	136.34	37	13	21	103	48	145.43	41.98	-26.57	41
13	17	4	48	541.62	-23.08	133.23	34	13	19	52	48	317.81	43.39	146.46	37	13	21	106	48	145.43	41.98	-26.57	41
13	17	7	48	555.77	-32.15	128.49	34	13	19	55	48	356.66	33.82	153.52	38	13	21	109	48	151.55	51.76	-16.07	41
13	17	10	48	562.86	-40.89	122.58	34	13	19	58	48	395.22	24.06	158.86	38	13	21	112	48	165.82	59.88	-0.07	41
13	17	13	48	562.96	-49.12	114.70	34	13	20	1	48	432.24	14.77	163.24	38	13	21	115	48	187.32	64.73	23.66	41
13	17	16	48	555.11	-56.49	103.57	34	13	20	4	48	466.56	4.54	167.10	38	13	21	118	48	214.87	59.47	51.42	41
13	17	19	48					13	20	7	48					13	21	121	48	247.22	59.47	73.95	41

13	23	4	48	283.05	51.67	88.86	41	14	1	55	48	147.47	32.34	-81.88	45	14	4	46	48	359.44	-40.96	-165.59	48
13	23	7	48	321.04	42.60	98.65	41	14	1	58	48	145.60	42.87	-74.29	45	14	4	49	48	316.32	-31.28	-159.04	49
PERIOD 95.868								14	2	1	48	152.44	52.55	-63.42	45	14	4	52	48	274.46	-21.06	-153.78	49
13	23	10	48	359.89	33.01	105.53	42	14	2	4	48	167.44	60.47	-46.81	45	14	4	55	48	235.85	-10.47	-149.21	49
13	23	13	48	398.34	23.24	110.76	42	14	2	7	48	189.52	64.92	-22.44	45	14	4	58	48	202.37	0.38	-144.92	49
13	23	16	48	435.15	13.45	115.08	42	14	2	10	48	217.55	64.22	5.20	45	14	4	58	48	175.63	11.39	-140.53	49
13	23	19	48	469.15	3.73	118.92	42	14	2	13	48	250.25	58.87	27.04	45	14	5	4	48	156.88	22.43	-135.67	49
13	23	22	48	499.26	-5.87	122.59	42	14	2	16	48	286.31	50.91	41.39	45	14	5	7	48	146.88	33.32	-129.77	49
13	23	25	48	524.49	-15.32	126.36	42	14	2	19	48	324.40	41.78	50.85	45	14	5	10	48	145.85	43.79	-121.96	49
13	23	28	48	543.95	-24.59	130.51	42	PERIOD 95.864								14	5	13	48	153.52	53.36	-110.68	49
13	23	31	48	556.93	-33.61	135.40	42	14	2	22	48	363.25	32.17	57.54	46	14	5	16	48	169.19	61.04	-93.42	49
13	23	34	48	562.88	-42.28	141.57	42	14	2	25	48	401.57	22.39	62.68	46	14	5	19	48	191.86	65.09	-68.41	49
13	23	37	48	561.44	-50.41	149.88	42	14	2	28	48	438.15	12.60	66.94	46	14	5	22	48	220.37	63.89	-40.98	49
13	23	40	48	552.47	-57.57	161.72	42	14	2	31	48	471.82	2.89	70.75	46	14	5	25	48	253.42	58.23	-19.88	49
13	23	43	48	536.07	-62.96	178.87	42	14	2	34	48	501.51	-6.70	74.42	46	14	5	28	48	289.70	50.12	-6.08	49
13	23	46	48	512.61	-65.28	178.87	42	14	2	37	48	526.23	-16.14	78.21	46	14	5	31	48	327.90	40.93	3.06	49
13	23	49	48	482.74	-134.86	42	14	2	40	48	545.12	-25.38	82.41	46	PERIOD 95.858								
13	23	52	48	447.41	-116.13	42	14	2	43	48	557.48	-34.38	87.39	46	14	5	34	48	366.72	31.29	9.57	50	
13	23	55	48	407.87	-58.42	116.13	42	14	2	46	48	562.77	-43.02	93.71	46	14	5	37	48	404.91	21.50	14.61	50
13	23	58	48	365.63	-93.88	42	14	2	49	48	560.65	-51.08	102.26	46	14	5	40	48	441.24	11.72	18.81	50	
14	0	1	48	322.45	-32.61	-87.10	43	14	2	52	48	551.00	-58.13	114.49	46	14	5	43	48	474.56	2.01	22.60	50
14	0	4	48	280.27	-22.46	-81.70	43	14	2	55	48	533.95	-63.31	132.18	46	14	5	46	48	503.81	-7.56	26.27	50
14	0	7	48	241.07	-11.91	-77.07	43	14	2	58	48	509.89	-65.30	155.22	46	14	5	49	48	528.00	-16.99	30.09	50
14	0	10	48	206.74	-1.09	-72.76	43	14	3	1	48	479.50	-63.27	178.54	46	14	5	52	48	546.29	-26.21	34.34	50
14	0	13	48	178.96	9.90	-68.41	43	14	3	4	48	443.75	-57.83	163.26	46	14	5	55	48	558.00	-35.18	39.41	50
14	0	16	48	159.03	20.94	-63.64	43	14	3	7	48	403.92	-50.24	-150.59	46	14	5	58	48	562.59	-43.78	45.89	50
14	0	19	48	147.78	31.87	-57.92	43	14	3	10	48	361.54	-41.38	-141.69	46	14	6	1	48	559.77	-51.78	54.71	50
14	0	22	48	145.51	42.42	-50.44	43	14	3	13	48	318.40	-31.73	-135.06	47	14	6	4	48	549.42	-58.70	67.37	50
14	0	25	48	152.00	52.15	-39.75	43	14	3	16	48	276.43	-21.54	-129.76	47	14	6	7	48	531.70	-63.64	85.61	50
14	0	28	48	166.62	60.18	-23.46	43	14	3	19	48	237.61	-10.96	-125.17	47	14	6	10	48	507.03	-65.28	108.97	50
14	0	31	48	188.40	64.83	0.59	43	14	3	22	48	203.83	-0.12	-120.87	47	14	6	13	48	476.10	-62.89	131.97	50
14	0	34	48	216.20	64.36	28.30	43	14	3	25	48	176.74	10.88	-116.50	47	14	6	16	48	439.93	-57.21	149.62	50
14	0	37	48	248.72	59.17	50.49	43	14	3	28	48	157.59	21.92	-111.66	47	14	6	19	48	399.80	-49.47	161.87	50
14	0	40	48	284.66	51.30	65.12	43	14	3	31	48	147.17	32.83	-105.83	47	14	6	22	48	357.30	-40.53	170.51	50
14	0	43	48	322.71	42.20	74.75	43	14	3	34	48	145.72	43.33	-98.13	47	14	6	25	48	314.21	-30.81	176.99	51
PERIOD 95.866								14	3	37	48	152.98	52.95	-87.06	47	14	6	28	48	272.47	-20.58	-177.80	51
14	0	46	48	361.55	32.59	81.53	44	14	3	40	48	168.30	60.76	-70.13	47	14	6	31	48	234.08	-9.97	-173.25	51
14	0	49	48	399.94	22.82	86.72	44	14	3	43	48	190.68	65.01	-45.44	47	14	6	34	48	200.89	0.89	-168.96	51
14	0	52	48	436.64	13.03	91.01	44	14	3	46	48	218.94	64.06	-17.89	47	14	6	37	48	174.52	11.90	-164.56	51
14	0	55	48	470.48	3.31	94.84	44	14	3	49	48	251.82	58.55	3.58	47	14	6	40	48	156.18	22.94	-159.66	51
14	0	58	48	500.38	-6.28	102.29	44	14	3	52	48	287.99	50.52	17.65	47	14	6	43	48	146.01	33.82	-153.70	51
14	1	1	48	525.35	-15.73	106.46	44	14	3	55	48	326.14	41.36	26.95	47	14	6	46	48	146.01	44.27	-145.77	51
14	1	4	48	544.54	-24.98	106.46	44	PERIOD 95.861								14	6	49	48	154.08	53.77	-134.28	51
14	1	7	48	557.21	-33.99	111.39	44	14	4	16	48	545.71	-25.79	54.15	48	14	6	52	48	170.10	61.33	-116.66	51
14	1	10	48	562.83	-42.65	117.63	44	14	4	19	48	557.74	-34.78	63.40	48	14	6	55	48	193.08	65.15	-91.35	51
14	1	13	48	561.05	-50.74	126.06	44	14	4	22	48	562.69	-43.40	69.79	48	14	6	58	48	221.83	63.71	-64.06	51
14	1	16	48	551.75	-57.85	138.09	44	14	4	25	48	560.22	-51.43	78.48	48	14	7	1	48	255.06	57.89	-43.33	51
14	1	19	48	535.02	-63.13	155.51	44	14	4	28	48	550.22	-58.42	90.92	48	14	7	4	48	291.45	49.71	-29.82	51
14	1	22	48	511.27	-65.30	178.39	44	14	4	31	48	532.84	-63.47	108.88	48	14	7	7	48	329.70	40.49	-20.83	51
14	1	25	48	481.14	-63.44	-158.16	44	14	4	34	48	545.71	-25.79	54.15	48	PERIOD 95.856							
14	1	28	48	445.60	-58.13	-139.70	44	14	4	37	48	557.74	-34.78	63.40	48	14	7	10	48	368.51	30.83	-14.41	52
14	1	31	48	405.91	-50.61	-126.82	44	14	4	40	48	562.69	-43.40	69.79	48	14	7	13	48	406.62	21.04	-9.43	52
14	1	34	48	363.60	-41.80	-117.78	44	14	4	43	48	560.22	-51.43	78.48	48	14	7	16	48	442.82	11.26	-5.25	52
14	1	37	48	320.44	-32.17	-111.08	45	14	4	46	48	550.22	-58.42	90.92	48	14	7	19	48	475.96	-8.01	-1.47	52
14	1	40	48	278.36	-22.00	-105.73	45	14	4	49	48	532.84	-63.47	108.									

14	7	37	48	559.29	-52.13	30.96	52	14	10	28	48	446.04	10.33	-53.36	56	14	13	22	48	228.05	62.86	-156.34	59
14	7	40	48	548.59	-58.98	43.85	52	14	10	31	48	478.80	0.65	-49.60	56	14	13	25	48	261.98	56.43	-137.18	59
14	7	43	48	530.52	-62.38	62.28	52	14	10	34	48	507.33	-0.91	-45.93	56	14	13	28	48	298.81	47.97	-124.75	59
14	7	46	48	505.54	-65.26	85.87	52	14	10	37	48	530.67	-18.31	-42.07	56	14	13	31	48	PERIOD 95.846			
14	7	49	48	474.34	-62.69	108.70	52	14	10	40	48	548.02	-27.51	-37.72	56	14	13	34	48	337.22	38.63	-116.39	60
14	7	52	48	431.95	-56.88	126.07	52	14	10	43	48	558.70	-36.43	-32.49	56	14	13	37	48	375.94	28.93	-110.31	60
14	7	55	48	397.69	-49.08	138.11	52	14	10	46	48	562.21	-44.97	-25.75	56	14	13	40	48	413.72	19.14	-105.53	60
14	7	58	48	355.12	-40.48	146.62	52	14	10	49	48	568.28	-53.85	-16.48	56	14	13	43	48	449.34	9.37	-101.45	60
14	8	1	48	312.06	-30.34	153.01	53	14	10	52	48	546.84	-53.56	-3.12	56	14	13	46	48	481.69	-0.31	-97.72	60
14	8	4	48	270.46	-20.09	158.19	53	14	10	55	48	528.07	-64.11	16.00	56	14	13	49	48	509.71	-9.85	-94.04	60
14	8	7	48	232.28	-9.47	162.71	53	14	10	58	48	502.44	-65.19	39.73	56	14	13	52	48	532.47	-19.23	-90.14	60
14	8	10	48	193.40	1.41	167.00	53	14	11	1	48	470.70	-62.16	78.95	56	14	13	55	48	549.15	-28.41	-85.73	60
14	8	13	48	173.40	12.43	171.41	53	14	11	4	48	433.88	-56.25	62.16	56	14	13	58	48	559.10	-37.30	-80.38	60
14	8	16	48	155.49	23.46	176.35	53	14	11	7	48	393.34	-48.25	90.58	56	14	13	61	48	561.86	-45.78	-73.44	60
14	8	19	48	140.36	34.33	-177.62	53	14	11	10	48	350.66	-39.16	98.83	56	14	14	1	48	557.16	-53.58	-63.85	60
14	8	22	48	146.16	44.74	-169.56	53	14	11	13	48	307.66	-29.36	105.08	57	14	14	4	48	544.96	-60.13	-49.97	60
14	8	25	48	154.67	54.18	-157.84	53	14	11	16	48	266.35	-19.07	110.17	57	14	14	7	48	525.47	-64.39	-30.25	60
14	8	28	48	171.05	61.61	-139.87	53	14	11	19	48	228.65	-8.42	114.66	57	14	14	10	48	499.19	-65.07	-6.33	60
14	8	31	48	194.34	65.21	-114.26	53	14	11	22	48	196.40	2.48	118.94	57	14	14	13	48	466.89	-61.76	15.64	60
14	8	34	48	223.33	63.52	-87.13	53	14	11	25	48	171.18	13.50	123.38	57	14	14	16	48	429.65	-55.47	31.84	60
14	8	37	48	256.73	57.54	-66.79	53	14	11	28	48	154.14	24.53	128.40	57	14	14	19	48	388.82	-47.38	43.05	60
14	8	40	48	293.24	49.29	-53.55	53	14	11	31	48	145.91	35.37	134.58	57	14	14	22	48	346.05	-38.21	51.05	61
14	8	43	48	331.53	40.04	-44.72	53	14	11	34	48	146.64	45.72	142.90	57	14	14	25	48	303.18	-28.35	57.15	61
14	9	1	48	370.32	30.37	-38.99	54	14	11	37	48	155.94	55.02	155.10	57	14	14	28	48	262.15	-18.01	62.16	61
14	9	4	48	403.36	20.58	-33.45	54	14	11	40	48	173.06	62.16	173.83	57	14	14	31	48	224.95	-7.33	66.61	61
14	9	7	48	444.42	10.80	-29.30	54	14	11	43	48	196.96	65.28	-160.00	57	14	14	34	48	193.38	3.58	70.89	61
14	9	10	48	477.37	1.11	-25.54	54	14	11	46	48	226.44	63.09	-133.27	57	14	14	37	48	168.98	14.62	75.37	61
14	9	13	48	505.14	-8.46	-21.86	54	14	11	49	48	260.20	56.81	-113.72	57	14	14	40	48	152.83	25.63	80.48	61
14	9	16	48	525.78	-17.86	-18.02	54	14	11	52	48	296.92	48.42	-101.02	57	14	14	43	48	145.55	35.44	86.82	61
14	9	19	48	547.45	-27.07	-13.71	54	14	11	55	48	335.29	39.11	-92.50	57	14	14	46	48	147.18	46.72	95.44	61
14	9	22	48	563.36	-44.56	-1.88	54	14	11	58	48	374.04	29.42	-86.34	58	14	14	49	48	157.33	55.86	108.17	61
14	9	25	48	580.80	7.23	7.23	54	14	12	1	48	411.90	19.63	-81.50	58	14	14	52	48	175.20	65.70	127.69	61
14	9	28	48	547.73	-59.27	20.35	54	14	12	4	48	447.68	9.86	-77.41	58	14	14	55	48	199.33	154.37	154.37	61
14	9	31	48	504.01	-65.23	39.17	54	14	12	7	48	480.24	0.17	-69.98	58	14	14	58	48	229.70	62.61	-179.41	61
14	9	34	48	472.54	-62.47	62.79	54	14	12	10	48	508.52	-9.38	-69.98	58	14	15	1	48	263.80	56.04	-160.65	61
14	9	37	48	435.94	-56.55	85.43	54	14	12	13	48	531.57	-18.77	-66.11	58	14	15	4	48	300.74	47.51	-148.49	61
14	9	40	48	395.53	-48.67	102.51	54	14	12	16	48	548.59	-27.95	-61.73	58	14	15	7	48	PERIOD 95.843			
14	9	43	48	352.91	-39.63	114.34	54	14	12	19	48	558.91	-38.86	-56.44	58	14	15	10	48	339.19	38.14	-140.28	62
14	9	46	48	303.89	-29.86	122.72	54	14	12	22	48	562.05	-45.37	-49.60	58	14	15	13	48	377.88	28.44	-134.28	62
14	9	49	48	268.42	-19.58	129.04	55	14	12	25	48	557.73	-53.21	-40.18	58	14	15	16	48	415.55	18.64	-129.50	62
14	9	52	48	230.47	-8.95	134.18	55	14	12	28	48	545.91	-59.84	-26.56	58	14	15	19	48	451.02	8.88	-125.50	62
14	9	55	48	197.90	-45.23	138.68	55	14	12	31	48	526.79	-64.25	-7.14	58	14	15	22	48	483.16	-0.80	-121.77	62
14	9	58	48	172.29	1.94	142.97	55	14	12	34	48	500.84	-65.13	16.69	58	14	15	25	48	510.36	-19.70	-114.17	62
14	10	1	48	155.29	54.60	147.39	55	14	12	37	48	468.82	-62.01	38.90	58	14	15	28	48	533.36	-28.87	-109.72	62
14	10	4	48	175.04	61.89	163.04	55	14	12	40	48	431.79	-55.84	55.40	58	14	15	31	48	549.70	-37.74	-104.31	62
14	10	7	48	195.63	65.25	-137.14	55	14	12	43	48	391.10	-47.82	66.81	58	14	15	34	48	561.65	-46.20	-97.27	62
14	10	10	48	224.87	63.31	152.37	55	14	12	46	48	348.37	-38.69	74.94	59	14	15	37	48	556.56	-53.95	-87.50	62
14	10	13	48	258.45	57.18	166.66	55	14	12	49	48	305.44	-28.86	81.11	59	14	15	40	48	543.97	-60.41	-73.35	62
14	10	16	48	295.06	48.86	178.62	55	14	12	52	48	264.26	-18.54	86.16	59	14	15	43	48	524.12	-53.52	-53.33	62
14	10	19	48	333.40	-68.61	163.04	55	14	12	55	48	226.81	-7.88	90.63	59	14	15	46	48	497.51	-64.99	-29.34	62
14	10	22	48	372.17	-29.90	-62.36	56	14	12	58	48	194.90	3.02	94.91	59	14	15	49	48	464.93	-61.50	-7.62	62
14	10	25	48	410.12	20.11	-57.48	56	14	13	1	48	170.08	14.05	99.37	59	14	15	52	48	427.46	-55.09	8.29	62
14	10	28	48					14	13	4	48	153.48	25.08	104.43	59	14	15	55	48	386.51	-46.93	19.29	62
14	10	31	48					14	13	7	48	145.72	35.90	110.69	59	14	15	58	48	343.69	-37.71	27.17	63
14	10	34	48					14	13	10	48	146.89	46.21	119.16	59	14	16	1	48	300.88	-27.83	33.19	63
14	10	37	48					14	13	13	48	156.62	53.44	131.62	59	14	16	4	48	260.02	-17.47	38.16	63
14	10	40	48					14	13	16	48	174.11	62.43	150.74	59	14	16	7	48	223.08	-6.77	42.60	63
14	10	43	48					14	13	19	48	198.33	65.30	177.18	59	14	16	10	48	191.87	4.15	46.88	63

14	16	13	48	167.88	15.19	51.38	63	14	19	4	48	422.97	-54.30	-38.83	66	14	21	55	48	559.84	-39.58	160.07	70									
14	16	16	48	152.20	25.20	56.53	63	14	19	7	48	381.75	-46.00	-28.23	66	14	21	58	48	560.59	-47.92	167.59	70									
14	16	19	48	145.40	36.99	62.96	63	14	19	10	48	338.87	-36.70	-20.60	67	14	22	1	48	553.86	-55.46	178.13	70									
14	16	22	48	147.50	47.22	71.74	63	14	19	13	48	296.19	-16.75	-14.72	67	14	22	4	48	539.67	-61.53	-166.54	70									
14	16	25	48	158.08	56.29	84.75	63	14	19	16	48	255.69	-16.35	-9.82	67	14	22	7	48	518.30	-64.97	-145.32	70									
14	16	28	48	176.33	62.95	104.68	63	14	19	19	48	219.31	-5.62	-5.42	67	14	22	10	48	490.34	-64.56	-121.25	70									
14	16	31	48	201.17	65.29	131.60	63	14	19	22	48	188.83	5.32	-1.13	67	14	22	13	48	456.62	-60.33	-100.67	70									
14	16	34	48	231.38	67.35	157.52	63	14	19	25	48	165.872	16.36	3.41	67	14	22	16	48	418.30	-53.46	-85.96	70									
14	16	37	48	265.66	55.63	175.88	63	14	19	28	48	150.99	27.36	8.66	67	14	22	19	48	376.83	-45.02	-75.76	70									
14	16	40	48	302.70	47.05	-172.22	63	14	19	31	48	148.22	48.25	24.40	67	14	22	22	48	333.90	-35.64	-68.36	71									
PERIOD 95.840													57.14	38.01	67	14	22	25	48	291.39	-25.63	-62.62	71									
14	16	43	48	341.18	37.65	-164.16	64	14	19	34	48	159.68	57.14	38.01	67	14	22	28	48	251.28	-15.19	-57.80	71									
14	16	46	48	379.84	27.93	-158.25	64	14	19	37	48	178.70	63.44	58.80	67	14	22	31	48	215.50	-4.44	-53.43	71									
14	16	49	48	417.41	18.14	-153.56	64	14	19	40	48	204.17	65.22	86.10	67	14	22	34	48	185.79	6.52	-49.13	71									
14	16	52	48	452.72	8.37	-149.54	64	14	19	43	48	234.87	61.77	111.37	67	14	22	37	48	163.59	17.57	-44.53	71									
14	16	55	48	484.64	-1.29	-145.82	64	14	19	46	48	269.50	54.79	128.92	67	14	22	40	48	149.86	28.55	-39.17	71									
14	16	58	48	512.13	-10.82	-142.13	64	14	19	49	48	306.73	46.08	140.30	67	14	22	43	48	145.04	39.25	-32.34	71									
14	17	1	48	534.26	-20.18	-138.20	64	PERIOD 95.835													49.30	-22.85	71									
14	17	4	48	550.24	-29.33	-133.71	64	14	19	52	48	345.27	36.63	148.07	68	14	22	46	48	149.07	49.30	-32.85	71									
14	17	7	48	559.45	-38.19	-128.23	64	14	19	55	48	383.84	26.90	153.82	68	14	22	49	48	161.42	57.98	-8.58	71									
14	17	10	48	561.42	-46.62	-121.08	64	14	20	1	48	421.21	17.10	158.41	68	14	22	52	48	181.21	63.89	13.09	71									
14	17	13	48	555.93	-54.32	-111.13	64	14	20	4	48	456.18	7.35	162.39	68	14	22	55	48	207.33	65.08	40.68	71									
14	17	16	48	542.95	-60.69	-96.70	64	14	20	7	48	487.64	-2.31	166.09	68	14	22	58	48	238.52	61.14	65.20	71									
14	17	19	48	522.72	-64.65	-76.38	64	14	20	10	48	514.56	-11.82	169.80	68	14	23	1	48	273.49	53.89	81.93	71									
14	17	22	48	495.78	-64.90	-52.34	64	14	20	13	48	536.04	-21.16	173.77	68	14	23	4	48	310.91	45.07	92.82	71									
14	17	25	48	462.91	-61.23	-30.88	64	14	20	16	48	551.30	-30.29	178.34	68	PERIOD 95.830																
14	17	28	48	425.24	-54.70	-15.27	64	14	20	19	48	559.73	-39.11	-176.04	68	14	23	7	48	349.49	35.57	100.31	72									
14	17	31	48	384.15	-46.47	-4.47	64	14	20	22	48	560.89	-47.48	-168.65	68	14	23	10	48	387.96	25.83	105.89	72									
14	17	34	48	341.30	-37.21	3.28	65	14	20	25	48	554.58	-55.08	-158.31	68	14	23	13	48	425.09	16.03	110.40	72									
14	17	37	48	298.55	-27.29	9.24	65	14	20	28	48	540.80	-61.25	-143.29	68	14	23	16	48	459.69	6.28	114.33	72									
14	17	40	48	257.86	-16.91	14.17	65	14	20	31	48	519.82	-64.87	-122.37	68	14	23	19	48	490.67	-3.36	118.02	72									
14	17	43	48	221.20	-6.20	18.58	65	14	20	34	48	492.19	-64.68	-98.29	68	14	23	22	48	517.01	-12.85	121.74	72									
14	17	46	48	190.35	4.73	22.87	65	14	20	37	48	458.76	-60.64	-77.40	68	14	23	25	48	537.81	-22.17	125.76	72									
14	17	49	48	166.80	15.77	27.39	65	14	20	40	48	420.66	-53.88	-62.39	68	14	23	28	48	552.32	-31.27	130.42	72									
14	17	52	48	151.59	28.77	32.59	65	14	20	43	48	379.31	-45.52	-52.00	68	14	23	31	48	559.94	-40.06	136.19	72									
14	17	55	48	145.27	37.54	39.11	65	14	20	46	48	336.40	-36.17	-44.48	69	14	23	34	48	560.26	-48.36	143.84	72									
14	17	58	48	147.85	47.74	48.06	65	14	20	49	48	293.81	-26.20	-38.67	69	14	23	37	48	553.10	-55.84	154.61	72									
14	18	1	48	158.86	56.71	61.36	65	14	20	52	48	253.49	-15.77	-33.81	69	14	23	40	48	538.50	-61.80	170.25	72									
14	18	4	48	177.49	63.20	81.72	65	14	20	55	48	217.41	-5.91	-29.43	69	14	23	43	48	516.75	-65.05	-168.23	72									
14	18	7	48	202.65	65.26	108.84	65	14	21	1	48	187.31	5.91	-25.13	69	14	23	46	48	488.43	-64.41	-144.20	72									
14	18	10	48	233.11	62.07	134.45	65	14	21	4	48	164.65	16.96	-20.56	69	14	23	49	48	454.43	-60.00	-123.93	72									
14	18	13	48	267.56	55.21	152.40	65	14	21	7	48	150.42	27.95	-15.26	69	14	23	52	48	415.90	-53.02	-106.52	72									
14	18	16	48	304.70	46.57	164.04	65	14	21	10	48	145.09	38.68	-8.54	69	14	23	55	48	374.31	-44.52	-93.52	72									
PERIOD 95.838													57.56	14.70	69	15	0	1	48	288.95	-25.06	-86.56	73									
14	18	19	48	343.21	37.14	171.95	66	14	21	13	48	160.53	57.56	14.70	69	15	0	4	48	249.05	-14.60	-81.78	73									
14	18	22	48	381.83	27.42	177.78	66	14	21	16	48	179.94	63.67	35.92	69	15	0	7	48	213.58	-3.83	-77.42	73									
14	18	25	48	419.30	17.62	-177.57	66	14	21	19	48	205.73	65.16	63.38	69	15	0	10	48	184.28	7.14	-73.12	73									
14	18	28	48	454.44	7.86	-173.57	66	14	21	22	48	236.58	61.47	88.29	69	15	0	13	48	162.55	18.18	-68.49	73									
14	18	31	48	486.13	-1.80	-169.86	66	14	21	25	48	271.47	54.35	105.43	69	15	0	16	48	149.32	29.16	-63.07	73									
14	18	34	48	513.34	-11.32	-166.17	66	14	21	28	48	308.80	45.58	116.56	69	15	0	19	48	145.02	39.84	-56.13	73									
14	18	37	48	535.15	-20.67	-162.21	66	PERIOD 95.833													149.55	-49.84	-46.43	73								
14	18	40	48	550.78	-29.81	-157.69	66	14	21	31	48	347.37	36.11	124.19	70	15	0	22	48	149.55	58.40	-31.81	73									
14	18	43	48	559.60	-38.65	-152.14	66	14	21	34	48	385.99	26.37	129.85	70	15	0	25	48	182.53	64.10	-9.70	73									
14	18	46	48	561.17	-47.05	-144.87	66	14	21	37	48	423.14	16.57	134.41	70	15	0	28	48	208.97	64.98	17.99	73									
14	18	49	48	555.27	-54.70	-134.73	66	14	21	40	48	457.93	6.82	138.36	70	15	0	31	48													

15	0	46	48	390.06	25.28	81.93	74	15	3	40	48	185.29	64.47	-55.15	77	15	6	31	48	205.85	-1.29	-173.36	81
15	0	49	48	427.07	15.48	86.40	74	15	3	43	48	212.37	64.74	-27.37	77	15	6	34	48	178.27	9.70	-169.02	81
15	0	52	48	461.48	5.74	90.31	74	15	3	46	48	244.29	60.08	-4.11	77	15	6	37	48	158.52	20.75	-164.25	81
15	0	55	48	492.20	-3.89	93.99	74	15	3	49	48	279.75	52.47	11.42	77	15	6	40	48	147.42	31.68	-158.56	81
15	0	58	48	518.24	-12.38	97.72	74	15	3	52	48	317.43	43.48	21.58	77	15	6	43	48	145.26	42.24	-151.12	81
15	1	1	48	538.69	-22.69	101.77	74	15	3	55	48	356.05	33.92	28.66	78	15	6	46	48	151.82	52.00	-140.51	81
15	1	4	48	552.81	-31.77	106.48	74	15	3	58	48	394.34	24.16	34.01	78	15	6	49	48	166.46	60.06	-124.34	81
15	1	7	48	560.01	-40.54	112.33	74	15	3	61	48	431.07	14.37	38.40	78	15	6	52	48	188.22	64.79	-100.42	81
15	1	10	48	559.91	-48.81	120.11	74	15	4	1	48	465.08	4.63	42.27	78	15	6	55	48	215.94	64.41	-72.70	81
15	1	13	48	552.32	-56.23	131.10	74	15	4	4	48	495.29	-4.99	45.94	78	15	6	58	48	248.34	59.30	-50.37	81
15	1	16	48	537.29	-62.07	147.07	74	15	4	7	48	520.69	-14.46	49.70	78	15	7	1	48	284.12	51.46	-35.62	81
15	1	19	48	515.15	-65.12	168.88	74	15	4	10	48	540.41	-23.74	53.80	78	15	7	4	48	321.96	42.38	-25.93	81
15	1	22	48	486.49	-64.25	-167.14	74	15	4	13	48	553.74	-32.80	58.61	78	15	7	7	48	360.58	32.78	-19.10	82
15	1	25	48	452.20	-59.67	-147.20	74	15	4	16	48	560.09	-41.52	64.64	78	15	7	10	48	398.72	23.00	-13.89	82
15	1	28	48	413.46	-52.58	-133.09	74	15	4	19	48	559.11	-49.72	72.72	78	15	7	13	48	435.15	13.21	-9.59	82
15	1	31	48	371.76	-44.01	-123.28	74	15	4	22	48	550.64	-57.00	84.18	78	15	7	16	48	468.74	3.49	-5.76	82
15	1	34	48	328.80	-34.54	-116.12	75	15	4	25	48	536.76	-62.59	100.84	78	15	7	19	48	498.39	-6.11	-2.09	82
15	1	37	48	286.49	-24.58	-110.51	75	15	4	28	48	511.82	-65.42	123.19	78	15	7	22	48	523.13	-15.56	-1.69	82
15	1	40	48	246.80	-13.99	-105.76	75	15	4	31	48	482.46	-63.90	146.99	78	15	7	25	48	542.10	-24.83	5.86	82
15	1	43	48	211.65	-3.21	-101.42	75	15	4	34	48	447.59	-58.95	166.24	78	15	7	28	48	554.60	-33.85	10.78	82
15	1	46	48	182.77	7.77	-97.10	75	15	4	37	48	408.45	-51.65	179.76	78	15	7	31	48	560.07	-42.52	17.00	82
15	1	49	48	161.52	18.91	-92.44	75	15	4	40	48	366.52	-42.95	-170.81	78	15	7	34	48	588.18	-50.64	25.40	82
15	1	52	48	148.81	29.78	-86.96	75	15	4	43	48	323.56	-33.40	-163.87	79	15	7	37	48	548.81	-57.77	37.39	82
15	1	55	48	145.04	40.43	-79.90	75	15	4	46	48	281.48	-23.28	-153.71	79	15	7	40	48	508.31	-65.29	54.76	82
15	1	58	48	150.06	50.37	-69.99	75	15	4	49	48	240.26	-12.75	-149.39	79	15	7	43	48	478.24	-63.47	101.13	82
15	2	1	48	163.432	58.82	-55.01	75	15	4	52	48	207.79	-1.94	-145.05	79	15	7	46	48	442.80	-58.18	119.67	82
15	2	4	48	183.89	64.29	-32.45	75	15	4	55	48	179.76	9.05	-140.32	79	15	7	49	48	403.25	-50.67	132.66	82
15	2	7	48	210.65	64.87	-4.70	75	15	5	1	48	150.50	20.10	-134.70	79	15	7	52	48	361.13	-41.85	141.66	82
15	2	10	48	242.33	60.45	34.93	75	15	5	4	48	145.15	41.63	-127.40	79	15	7	55	48	318.20	-33.22	148.38	83
15	2	13	48	277.62	52.95	45.32	75	15	5	7	48	151.19	51.45	-117.03	79	15	8	1	48	276.38	-25.04	153.74	83
15	2	16	48	315.23	44.02	52.54	76	15	5	10	48	165.37	59.65	-101.27	79	15	8	4	48	237.66	-11.47	158.35	83
15	2	19	48	353.83	34.48	57.97	76	15	5	13	48	185.73	64.64	-77.81	79	15	8	7	48	203.91	-0.63	162.66	83
15	2	22	48	392.19	24.72	62.40	76	15	5	16	48	216.13	64.59	-50.04	79	15	8	10	48	176.79	10.37	167.02	83
15	2	25	48	429.06	14.93	66.29	76	15	5	19	48	246.29	59.70	-27.23	79	15	8	13	48	157.56	21.42	171.83	83
15	2	28	48	463.27	5.19	69.97	76	15	5	22	48	281.91	51.97	-12.10	79	15	8	16	48	147.01	32.33	177.60	83
15	2	31	48	493.74	-4.43	73.71	76	15	5	25	48	319.68	42.94	-2.18	79	15	8	19	48	145.40	42.86	-174.82	83
15	2	34	48	519.46	-13.91	77.78	76	15	5	28	48	358.30	33.36	4.78	80	15	8	22	48	152.48	52.54	-163.95	83
15	2	37	48	539.56	-23.21	82.54	76	15	5	31	48	396.51	23.59	10.06	80	15	8	25	48	167.59	60.46	-147.35	83
15	2	40	48	553.28	-32.08	88.48	76	15	5	34	48	433.10	13.79	14.40	80	15	8	28	48	189.75	64.92	-123.00	83
15	2	43	48	560.06	-41.03	96.41	76	15	5	37	48	466.90	4.07	18.25	80	15	8	31	48	217.78	64.22	-95.36	83
15	2	46	48	559.52	-49.26	107.63	76	15	5	40	48	496.84	-5.54	21.93	80	15	8	34	48	250.42	58.88	-73.52	83
15	2	49	48	551.49	-56.61	123.94	76	15	5	43	48	521.91	-15.01	25.69	80	15	8	37	48	286.36	50.94	-59.16	83
15	2	52	48	536.04	-62.33	146.02	76	15	5	46	48	541.27	-24.28	29.83	80	15	8	40	48	324.28	41.81	-49.68	83
15	2	55	48	513.51	-65.19	169.92	76	15	5	49	48	554.18	-33.32	34.69	80	15	8	43	48	362.89	32.19	-42.98	84
15	2	58	48	484.50	-64.08	190.48	76	15	5	52	48	560.09	-42.02	40.81	80	15	8	46	48	400.94	22.41	-37.85	84
15	3	1	48	449.92	-59.31	-170.48	76	15	5	55	48	589.74	-50.17	49.05	80	15	8	49	48	437.22	12.63	-33.58	84
15	3	4	48	440.98	-52.12	-156.66	76	15	5	58	48	598.66	-57.38	60.77	80	15	8	52	48	479.95	2.91	-29.77	84
15	3	7	48	369.16	-43.48	-147.05	77	15	6	1	48	533.43	-62.84	77.78	80	15	8	55	48	499.95	-6.69	-26.10	84
15	3	10	48	326.20	-33.98	-140.00	77	15	6	4	48	510.09	-65.27	100.39	80	15	8	58	48	524.35	-16.13	-22.30	84
15	3	13	48	284.00	-23.88	-134.45	77	15	6	7	48	480.37	-63.69	124.06	80	15	9	1	48	542.93	-25.38	-18.10	84
15	3	16	48	244.53	-13.58	-129.74	77	15	6	10	48	445.22	-58.57	142.96	80	15	9	4	48	555.00	-34.58	-13.12	84
15	3	19	48	209.72	-2.58	-125.40	77	15	6	13	48	405.87	-51.16	156.18	80	15	9	7	48	560.02	-51.03	-6.79	84
15	3	22	48	181.26	8.40	-121.08	77	15	6	16	48	363.85	-42.40	165.43	80	15	9	10	48	547.67	-51.10	1.77	84
15	3	25	48	160.50	19.45	-116.39	77	15	6	19	48	320.90	-32.81	172.25	81	15	9	13	48	547.84	-58.16	14.04	84
15	3	28	48	145.08	30.40	-110.83	77	15	6	22	48	278.94	-22.66	177.67	81	15	9	16	48	530.64	-63.32	31.78	84
15	3	31	48	145.08	41.03	-103.66	77	15	6	25	48	239.96	-12.12	-177.68	81	15	9	19	48	506.49	-65.30	54.87	84
15	3	34	48	150.61	50.91	-93.53	77	15	6	28	48	239.96	-12.12	-177.68	81	15	9	19	48	506.49	-65.30	54.87	84
15	3	37	48	164.32	59.24	-78.16	77	15	6	31	48	239.96	-12.12	-177.68	81	15	9	19	48	506.49	-65.30	54.87	84

15	9	22	48	476.06	-63.24	78.19	84	15	12	13	48	544.55	-26.50	-66.00	88	PERIOD	95.804	372.42	29.76	-138.51	92
15	9	25	48	440.34	-57.78	96.37	84	15	12	16	48	555.74	-35.47	-60.89	88	15	15	7	48	133.64	92
15	9	28	48	400.59	-50.16	109.01	84	15	12	19	48	555.84	-44.06	-54.34	88	15	15	10	48	129.52	92
15	9	31	48	358.37	-41.28	117.89	84	15	12	22	48	556.55	-52.04	-45.41	88	15	15	13	48	125.77	92
15	9	34	48	315.47	-31.61	124.51	85	15	12	25	48	545.77	-58.92	-32.56	88	15	15	16	48	122.09	92
15	9	37	48	275.80	-21.40	129.81	85	15	12	28	48	527.68	-63.77	-14.06	88	15	15	19	48	118.22	92
15	9	40	48	233.34	-10.82	134.39	85	15	12	31	48	502.70	-65.27	9.43	88	15	15	22	48	113.87	92
15	9	43	48	201.98	0.04	138.69	85	15	12	34	48	471.55	-62.72	32.32	88	15	15	25	48	108.61	92
15	9	46	48	175.32	11.05	143.07	85	15	12	37	48	435.26	-56.92	49.75	88	15	15	28	48	101.82	92
15	9	49	48	156.62	22.09	147.92	85	15	12	40	48	395.14	-49.41	61.83	88	15	15	31	48	92.49	92
15	9	52	48	146.62	32.99	153.77	85	15	12	43	48	352.75	-40.11	70.36	88	15	15	34	48	83.99	92
15	9	55	48	145.58	43.48	161.50	85	15	12	46	48	305.91	-30.36	76.76	89	15	15	37	48	75.73	92
15	9	58	48	153.18	53.09	172.64	85	15	12	49	48	268.57	-20.10	81.95	89	15	15	40	48	68.17	92
15	10	1	48	168.76	-170.32	176.84	85	15	12	52	48	230.68	-9.47	86.48	89	15	15	43	48	60.13	92
15	10	4	48	191.32	-145.54	-145.54	85	15	12	55	48	198.11	1.40	90.77	89	15	15	46	48	52.92	92
15	10	7	48	219.68	-118.03	-118.03	85	15	12	58	48	172.42	12.43	95.18	89	15	15	49	48	45.02	92
15	10	10	48	252.55	-96.68	-96.68	85	15	13	1	48	154.82	23.46	100.12	89	15	15	52	48	38.09	92
15	10	13	48	288.64	-82.69	-82.69	85	15	13	4	48	145.97	34.33	106.15	89	15	15	55	48	30.92	92
15	10	16	48	326.63	-73.44	-73.44	85	15	13	7	48	146.05	44.75	114.21	89	15	15	58	48	23.02	92
15	10	19	48	365.23	-66.87	-66.87	86	15	13	10	48	171.24	54.19	125.93	89	15	15	61	48	15.76	92
15	10	22	48	403.19	-61.80	-61.80	86	15	13	13	48	194.60	65.21	143.90	89	15	15	64	48	8.09	92
15	10	25	48	439.31	-57.57	-57.57	86	15	13	16	48	223.59	63.52	169.50	89	15	15	67	48	2.81	92
15	10	28	48	472.44	-53.77	-53.77	86	15	13	19	48	256.93	57.55	183.04	89	15	15	70	48	2.88	92
15	10	31	48	501.51	-50.10	-50.10	86	15	13	22	48	295.31	49.30	199.79	89	15	15	73	48	35.70	92
15	10	34	48	525.56	-46.29	-46.29	86	15	13	25	48	331.43	40.05	220.97	89	15	15	76	48	46.03	92
15	10	37	48	543.75	-42.05	-42.05	86	15	13	28	48	369.99	30.38	248.87	89	15	15	79	48	58.59	92
15	10	40	48	555.38	-37.01	-37.01	86	15	13	31	48	407.76	20.59	278.08	90	15	15	82	48	67.01	92
15	10	43	48	559.95	-30.58	-30.58	86	15	13	34	48	443.54	10.81	303.03	90	15	15	85	48	79.37	92
15	10	46	48	557.13	-21.83	-21.83	86	15	13	37	48	476.18	1.12	326.03	90	15	15	88	48	94.32	92
15	10	49	48	546.82	-9.28	-9.28	86	15	13	40	48	504.64	-8.45	349.59	90	15	15	91	48	107.54	92
15	10	52	48	529.18	8.84	8.84	86	15	13	43	48	527.97	-17.87	369.94	90	15	15	94	48	124.66	92
15	10	55	48	504.62	32.14	32.14	86	15	13	46	48	545.34	-27.08	384.75	90	15	15	97	48	131.24	92
15	10	58	48	473.83	-62.99	-62.99	86	15	13	49	48	556.08	-36.03	407.76	90	15	15	100	48	146.08	92
15	11	1	48	437.82	-57.36	-57.36	86	15	13	52	48	559.71	-44.59	428.09	90	15	15	103	48	153.50	92
15	11	4	48	397.89	-49.64	-49.64	86	15	13	55	48	559.93	-52.52	445.59	90	15	15	106	48	159.59	92
15	11	7	48	355.58	-40.70	-40.70	86	15	13	58	48	546.67	-59.30	465.86	90	15	15	109	48	166.58	92
15	11	10	48	312.71	-30.99	-30.99	86	15	13	61	48	526.12	-63.98	482.92	90	15	15	112	48	174.76	92
15	11	13	48	271.19	-20.76	-20.76	87	15	14	1	48	500.73	-65.22	498.24	90	15	15	115	48	182.44	92
15	11	16	48	233.02	-10.15	-10.15	87	15	14	4	48	469.23	-62.43	515.82	90	15	15	118	48	190.54	92
15	11	19	48	200.04	0.72	114.73	87	15	14	7	48	432.66	-56.48	533.90	90	15	15	121	48	200.04	92
15	11	22	48	173.87	11.73	119.12	87	15	14	10	48	392.34	-48.57	552.93	90	15	15	124	48	209.54	92
15	11	25	48	155.71	22.77	124.01	87	15	14	13	48	352.34	-38.23	572.93	90	15	15	127	48	218.41	92
15	11	28	48	146.29	33.66	129.95	87	15	14	16	48	312.34	-27.08	592.93	90	15	15	130	48	227.41	92
15	11	31	48	145.80	44.11	137.85	87	15	14	19	48	268.34	-29.72	612.93	90	15	15	133	48	236.41	92
15	11	34	48	155.93	53.64	149.27	87	15	14	22	48	228.34	-27.08	632.93	90	15	15	136	48	245.41	92
15	11	37	48	165.98	61.24	166.76	87	15	14	25	48	196.18	-24.16	652.93	90	15	15	139	48	254.41	92
15	11	40	48	192.94	65.13	-168.04	87	15	14	28	48	171.00	-21.10	672.93	90	15	15	142	48	263.41	92
15	11	43	48	221.61	63.78	-140.70	87	15	14	31	48	152.95	-18.16	692.93	90	15	15	145	48	272.41	92
15	11	46	48	254.72	58.01	-119.85	87	15	14	34	48	135.95	-15.16	712.93	90	15	15	148	48	281.41	92
15	11	49	48	290.96	49.86	-106.24	87	15	14	37	48	118.95	-12.16	732.93	90	15	15	151	48	290.41	92
15	11	52	48	325.01	40.64	-97.20	87	15	14	40	48	101.95	-9.16	752.93	90	15	15	154	48	300.41	92
15	11	55	48	367.60	31.00	-90.75	88	15	14	43	48	84.95	-6.16	772.93	90	15	15	157	48	310.41	92
15	11	58	48	405.47	21.21	-85.75	88	15	14	46	48	67.95	-3.16	792.93	90	15	15	160	48	320.41	92
15	12	1	48	441.42	11.42	-81.56	88	15	14	49	48	50.95	-0.16	812.93	90	15	15	163	48	330.41	92
15	12	4	48	476.31	1.72	-77.77	88	15	14	52	48	33.95	-3.16	832.93	90	15	15	166	48	340.41	92
15	12	7	48	503.08	-7.86	-74.10	88	15	14	55	48	17.95	-6.16	852.93	90	15	15	169	48	350.41	92
15	12	10	48	526.77	-17.28	-70.27	88	15	15	1	48	1.95	-9.16	872.93	90	15	15	172	48	360.41	92
15	12	13	48				88	15	15	4	48				91	15	15	175	48	370.41	92

15	17	50	48	157.35	55.83	56.15	95	15	20	49	48	255.19	-16.66	-37.66	99	15	23	40	48	515.79	-64.95	-173.20	102
15	18	1	48	175.30	62.67	75.63	95	15	20	52	48	218.93	-5.94	-33.25	99	15	23	43	48	487.85	-64.57	-149.10	102
15	18	4	48	199.86	65.30	102.29	95	15	20	55	48	188.54	5.00	-28.96	99	15	23	46	48	454.20	-60.36	-128.46	102
15	18	7	48	229.80	62.63	128.52	95	15	20	58	48	165.48	16.05	-24.42	99	15	23	49	48	415.99	-53.50	-113.70	102
15	18	10	48	263.82	56.08	147.31	95	15	21	1	48	150.78	27.05	-19.20	99	15	23	52	48	374.67	-45.06	-103.48	102
15	18	13	48	300.61	47.56	159.50	95	15	21	4	48	144.94	37.81	-12.63	99	15	23	55	48	331.92	-35.67	-96.07	102
PERIOD 95.799								15	21	7	48	147.95	47.98	-3.60	99	15	23	58	48	289.62	-25.66	-90.31	103
15	18	16	48	338.88	38.19	167.73	96	15	21	10	48	159.34	56.91	9.84	99	16	0	1	48	249.75	-15.21	-85.49	103
15	18	19	48	377.35	28.49	173.73	96	15	21	13	48	178.25	63.31	30.39	99	16	0	4	48	214.23	-4.45	-81.11	103
15	18	22	48	414.78	18.69	178.47	96	15	21	16	48	187.25	65.24	57.60	99	16	0	7	48	184.80	6.51	-76.81	103
15	18	25	48	449.98	8.93	177.48	96	15	21	19	48	203.60	61.93	83.05	99	16	0	10	48	162.87	17.56	-72.21	103
15	18	28	48	481.85	-0.75	173.75	96	15	21	22	48	234.16	55.02	100.81	99	16	0	13	48	149.39	28.55	-66.85	103
15	18	31	48	509.33	-10.29	170.06	96	15	21	25	48	268.62	46.35	112.33	99	16	0	16	48	144.80	39.25	-60.02	103
15	18	34	48	531.51	-19.67	166.15	96	PERIOD 95.794							16	0	19	48	149.03	49.30	-50.53	103	
15	18	37	48	547.59	-28.84	161.70	96	15	21	28	48	344.01	36.91	120.18	100	16	0	22	48	161.52	57.98	-36.27	103
15	18	40	48	556.94	-37.73	156.28	96	15	21	31	48	382.38	27.19	125.96	100	16	0	25	48	181.40	63.89	-14.61	103
15	18	43	48	559.11	-46.19	149.23	96	15	21	34	48	419.56	17.39	130.59	100	16	0	28	48	207.54	65.08	12.97	103
15	18	46	48	553.84	-53.95	139.46	96	15	21	37	48	454.34	7.63	134.58	100	16	0	31	48	238.70	61.15	37.50	103
15	18	49	48	541.12	-60.42	125.29	96	15	21	40	48	485.64	-2.03	138.29	100	16	0	34	48	273.58	53.91	54.23	103
15	18	52	48	521.18	-64.53	105.24	96	15	21	43	48	512.44	-11.55	141.99	100	16	0	37	48	310.87	45.08	65.12	103
15	18	55	48	494.52	-64.99	-81.22	96	15	21	46	48	533.81	-20.91	145.96	100	PERIOD 95.789							
15	18	58	48	461.94	-61.48	-59.49	96	15	21	49	48	548.99	-30.04	150.51	100	16	0	40	48	349.27	35.59	72.61	104
15	19	1	48	424.54	-55.05	-43.59	96	15	21	52	48	557.38	-38.89	156.09	100	16	0	43	48	387.52	25.85	78.20	104
15	19	4	48	382.70	-46.87	-32.60	96	15	21	55	48	558.54	-47.28	163.43	100	16	0	46	48	424.41	16.05	82.71	104
15	19	7	48	341.06	-37.64	-24.73	97	15	21	58	48	552.825	-54.91	173.69	100	16	0	49	48	458.75	6.30	86.65	104
15	19	10	48	298.47	-27.74	-18.71	97	15	21	61	48	538.52	-61.13	171.41	100	16	0	52	48	489.45	-12.85	94.06	104
15	19	13	48	257.90	-17.37	-13.74	97	15	22	4	48	517.63	-64.73	126.48	100	16	0	55	48	515.52	-22.17	98.09	104
15	19	16	48	221.29	-6.67	-9.31	97	15	22	7	48	490.13	-64.73	126.48	100	16	0	58	48	536.35	-40.07	108.53	104
15	19	19	48	190.44	4.26	-5.02	97	15	22	10	48	456.83	-54.03	90.32	100	16	1	1	48	557.69	-48.38	116.19	104
15	19	22	48	166.83	15.30	-0.52	97	15	22	13	48	418.89	-54.03	90.32	100	16	1	4	48	557.69	-48.38	116.19	104
15	19	25	48	151.52	26.32	4.64	97	15	22	16	48	377.72	-45.68	79.85	101	16	1	7	48	550.47	-55.87	126.97	104
15	19	28	48	145.07	37.10	11.09	97	15	22	19	48	335.00	-36.34	72.29	101	16	1	10	48	535.73	-61.82	142.66	104
15	19	31	48	147.48	47.33	19.90	97	15	22	22	48	292.59	-26.36	66.45	101	16	1	13	48	513.88	-65.06	164.22	104
15	19	34	48	158.32	56.37	32.97	97	15	22	25	48	252.47	-15.94	61.58	101	16	1	16	48	485.52	-64.39	171.72	104
15	19	37	48	176.75	63.00	52.98	97	15	22	28	48	216.58	-5.20	57.18	101	16	1	19	48	451.51	-59.96	157.09	104
15	19	40	48	201.71	65.28	79.93	97	15	22	31	48	186.66	5.75	52.89	101	16	1	22	48	413.05	-52.95	137.09	104
15	19	43	48	231.95	62.29	105.79	97	15	22	34	48	164.16	16.80	48.32	101	16	1	25	48	371.57	-44.43	127.11	104
15	19	46	48	266.19	55.56	124.07	97	15	22	37	48	150.07	27.79	43.03	101	16	1	28	48	328.80	-34.59	119.85	105
15	19	49	48	303.12	46.96	135.92	97	15	22	40	48	144.85	38.53	36.34	101	16	1	31	48	286.62	-24.54	114.18	105
PERIOD 95.796								15	22	43	48	148.46	48.64	27.08	101	16	1	34	48	247.01	-14.47	109.40	105
15	19	52	48	341.43	37.56	143.95	98	15	22	46	48	160.40	57.45	13.24	101	16	1	40	48	211.88	-3.89	105.04	105
15	19	55	48	379.85	27.84	149.85	98	15	22	49	48	179.80	63.61	7.86	101	16	1	43	48	182.95	7.28	100.73	105
15	19	58	48	417.16	18.05	154.53	98	15	22	52	48	205.55	65.17	35.28	101	16	1	46	48	161.60	18.33	96.09	105
15	20	1	48	452.16	8.28	158.55	98	15	22	55	48	236.41	61.55	60.28	101	16	1	49	48	148.75	29.31	90.65	105
15	20	4	48	483.74	-1.39	162.27	98	15	22	58	48	271.08	54.47	77.53	101	16	1	52	48	144.80	39.98	83.69	105
15	20	7	48	510.88	-10.92	165.96	98	15	23	1	48	308.25	45.72	88.73	101	16	1	55	48	149.64	49.96	-73.94	105
15	20	10	48	532.66	-20.28	169.90	98	PERIOD 95.791							16	1	58	48	162.68	58.50	-59.24	105	
15	20	13	48	548.30	-25.44	174.40	98	15	23	4	48	346.63	36.26	96.40	102	16	1	61	48	183.04	64.14	-37.03	105
15	20	16	48	557.17	-38.30	179.90	98	15	23	7	48	384.94	26.52	102.08	102	16	2	1	48	209.58	64.96	-9.33	105
15	20	19	48	558.84	-46.73	172.91	98	15	23	10	48	421.97	16.72	106.65	102	16	2	4	48	241.04	60.73	14.69	105
15	20	22	48	553.07	-54.43	162.90	98	15	23	13	48	456.54	6.97	110.61	102	16	2	7	48	276.13	53.33	30.93	105
15	20	25	48	539.85																			

16	2	31	48	517.05	-13.50	70.10	106	16	5	25	48	318.95	43.11	-5.74	109	16	8	16	48	145.27	42.95	-178.14	113
16	2	34	48	537.15	-22.82	74.16	106	16	5	28	48	357.39	33.54	1.25	110	16	8	19	48	152.59	52.62	-167.23	113
16	2	37	48	550.92	-31.90	78.88	106	16	5	31	48	395.41	23.77	6.55	110	16	8	22	48	167.88	60.51	-150.58	113
16	2	40	48	557.39	-40.67	84.76	106	16	5	34	48	431.80	13.98	10.91	110	16	8	25	48	190.16	64.94	-126.18	113
16	2	43	48	549.52	-48.94	92.60	106	16	5	37	48	465.41	4.25	14.77	110	16	8	28	48	215.25	64.20	-98.56	113
16	2	46	48	534.25	-56.34	103.66	106	16	5	40	48	495.16	-5.37	18.44	110	16	8	31	48	250.87	58.83	-76.78	113
16	2	49	48	511.92	-62.15	119.76	106	16	5	43	48	520.07	-14.84	22.21	110	16	8	34	48	285.73	50.87	-62.47	113
16	2	52	48	483.13	-65.19	141.68	106	16	5	46	48	539.28	-24.13	26.34	110	PERIOD 95.776				324.52	41.74	-53.02	113
16	2	55	48	448.77	-68.45	161.66	106	16	5	49	48	552.07	-33.17	31.19	110	16	8	40	48	362.95	32.13	-46.34	114
16	2	58	48	410.05	-75.84	174.50	106	16	5	52	48	566.41	-41.88	37.29	110	16	8	43	48	400.77	22.54	-41.21	114
16	3	1	48	368.44	-82.99	186.49	106	16	5	55	48	581.14	-50.06	45.49	110	16	8	46	48	436.80	12.55	-36.95	114
16	3	4	48	325.66	-90.30	197.75	106	16	5	58	48	597.46	-57.29	57.16	110	16	8	49	48	469.88	2.84	-33.14	114
16	3	7	48	283.61	-98.44	213.63	107	16	6	1	48	531.15	-62.79	74.11	110	16	8	52	48	498.95	-6.76	-29.46	114
16	3	10	48	244.26	-106.72	233.30	107	16	6	4	48	507.84	-65.27	96.70	110	16	8	55	48	523.04	-16.21	-25.67	114
16	3	13	48	209.53	-115.06	253.30	107	16	6	7	48	478.19	-68.73	120.41	110	16	8	58	48	541.32	-25.46	-21.46	114
16	3	16	48	181.11	-124.64	273.30	107	16	6	10	48	443.14	-72.06	139.39	110	16	9	1	48	553.10	-34.47	-16.46	114
16	3	19	48	160.36	-133.96	293.30	107	16	6	13	48	403.91	-75.54	152.68	110	16	9	4	48	557.85	-43.12	-10.11	114
16	3	22	48	148.15	-143.63	313.30	107	16	6	16	48	362.04	-78.99	161.96	110	16	9	7	48	555.25	-51.19	-1.50	114
16	3	25	48	136.48	-153.30	333.30	107	16	6	19	48	319.27	-82.48	186.80	111	16	9	10	48	542.20	-58.23	10.83	114
16	3	28	48	125.30	-162.96	353.30	107	16	6	22	48	277.52	-85.97	174.24	111	16	9	13	48	523.82	-63.37	28.66	114
16	3	31	48	114.67	-172.63	373.30	107	16	6	25	48	238.75	-89.46	178.89	111	16	9	16	48	503.54	-65.30	51.83	114
16	3	34	48	104.38	-182.30	393.30	107	16	6	28	48	204.86	-92.95	176.79	111	16	9	19	48	473.03	-63.18	75.13	114
16	3	37	48	94.67	-191.96	413.30	107	16	6	31	48	177.51	-96.44	172.45	111	16	9	22	48	437.28	-57.67	93.22	114
16	3	40	48	85.38	-201.63	433.30	107	16	6	34	48	157.98	-100.93	167.68	111	16	9	25	48	397.58	-50.02	105.80	114
16	3	43	48	76.60	-211.30	453.30	107	16	6	37	48	147.08	-105.42	161.99	111	16	9	28	48	355.48	-41.11	114.64	114
16	3	46	48	67.82	-220.96	473.30	107	16	6	40	48	145.08	-109.91	154.56	111	16	9	31	48	312.76	-31.42	121.23	115
16	3	49	48	59.04	-230.63	493.30	107	16	6	43	48	151.77	-114.39	143.97	111	16	9	34	48	271.36	-21.20	126.51	115
16	3	52	48	50.26	-240.30	513.30	108	16	6	46	48	166.50	-118.88	132.87	111	16	9	37	48	233.23	-10.60	131.09	115
16	3	55	48	41.48	-250.00	533.30	108	16	6	49	48	188.30	-123.37	123.94	111	16	9	40	48	200.24	0.26	135.39	115
16	4	1	48	32.70	-259.67	553.30	108	16	6	52	48	216.00	-127.86	113.97	111	16	9	43	48	174.01	11.28	139.78	115
16	4	4	48	24.02	-269.34	573.30	108	16	6	55	48	248.35	-132.35	103.97	111	16	9	46	48	155.74	22.32	144.64	115
16	4	7	48	15.36	-279.01	593.30	108	16	6	58	48	284.02	-136.84	93.87	111	16	9	49	48	140.18	150.53	158.31	115
16	4	10	48	6.68	-288.68	613.30	108	16	7	1	48	321.71	-141.33	83.79	111	16	9	52	48	145.51	43.70	158.31	115
16	4	13	48	518.56	-298.35	633.30	108	16	7	4	48	360.15	-145.82	73.66	111	16	9	55	48	153.46	53.28	169.55	115
16	4	16	48	538.22	-308.02	653.30	108	16	7	7	48	398.08	-150.31	63.54	111	16	9	58	48	169.31	60.98	-173.26	115
16	4	19	48	557.87	-317.69	673.30	108	16	7	10	48	434.29	-154.80	53.42	111	16	10	1	48	192.07	65.07	-148.34	115
16	4	22	48	576.92	-327.36	693.30	108	16	7	13	48	467.64	-159.29	43.30	111	16	10	4	48	220.54	63.93	-120.89	115
16	4	25	48	595.97	-337.03	713.30	108	16	7	16	48	497.06	-163.78	33.19	111	16	10	7	48	253.45	58.31	-99.71	115
16	4	28	48	615.02	-346.70	733.30	108	16	7	19	48	521.56	-168.27	23.07	111	16	10	10	48	289.48	50.23	-85.86	115
16	4	31	48	634.07	-356.37	753.30	108	16	7	22	48	540.31	-172.76	13.96	111	16	10	13	48	327.35	41.04	-76.68	115
16	4	34	48	653.12	-366.04	773.30	108	16	7	25	48	552.60	-177.25	4.85	111	PERIOD 95.773				365.77	31.60	-70.14	116
16	4	37	48	672.17	-375.71	793.30	108	16	7	28	48	557.90	-181.74	7.36	112	16	10	16	48	403.49	21.62	-65.09	116
16	4	40	48	691.22	-385.38	813.30	108	16	7	31	48	555.85	-186.23	13.58	112	16	10	19	48	439.32	11.82	-60.88	116
16	4	43	48	710.27	-395.05	833.30	108	16	7	34	48	546.35	-190.72	21.98	112	16	10	22	48	472.12	2.12	-57.08	116
16	4	46	48	729.32	-404.72	853.30	108	16	7	37	48	529.51	-195.21	33.97	112	16	10	25	48	500.83	-7.47	-53.41	116
16	4	49	48	748.37	-414.39	873.30	108	16	7	40	48	505.72	-199.70	45.96	112	16	10	28	48	542.31	-16.90	-49.59	116
16	4	52	48	767.42	-424.06	893.30	108	16	7	43	48	475.64	-204.19	57.95	112	16	10	31	48	584.81	-26.14	-45.34	116
16	4	55	48	786.47	-433.73	913.30	108	16	7	46	48	440.24	-208.68	69.94	112	16	10	34	48	627.31	-35.12	-40.26	116
16	4	58	48	805.52	-443.40	933.30	108	16	7	49	48	400.77	-213.17	81.93	112	16	10	37	48	670.81	-44.09	-35.79	116
16	5	1	48	824.57	-453.07	953.30	108	16	7	52	48	358.78	-217.66	93.92	112	16	10	40	48	714.31	-53.06	-31.42	116
16	5	4	48	843.62	-462.74	973.30	108	16	7	55	48	316.03	-222.15	105.91	113	16	10	43	48	757.81	-61.93	-27.08	116
16	5	7	48	862.67	-472.41	993.30	108	16	7	58	48	274.45	-226.64	117.90	113	16	10	46	48	801.31	-70.80	-22.75	116
16	5	10	48	881.72	-482.08	1013.30	108	16	8	1	48	235.99	-231.13	129.89	113	16	10	49	48	844.81	-79.67	-18.42	116
16	5	13	48	900.77	-491.75	1033.30	108	16	8	4	48	202.55	-235.62	141.88	113	16	10	52	48	888.31	-88.54	-14.09	116
16	5	16	48	919.82	-501.42	1053.30	108	16	8	7	48	175.75	-240.11	153.87	113	16	10	55	48	931.81	-97.41	-9.76	116
16	5	19	48	938.87	-511.09	1073.30	108	16	8	10	48	156.84	-244.60	165.86	113	16	11	1	48	975.31	-106.28	-5.43	116
16	5	22	48	957.92	-520.76	1093.30	108	16	8	13	48	146.60	-249.09	177.85	113	16	11	4	48	1018.81	-115.15	-1.10	116
16	5	25	48	976.97	-530.43	1113.30	108	16	8	16	48	146.60	-253.58	189.84	113	16	11	7	48	1062.31	-124.02	3.13	116
16	5	28	48	996.02	-540.10	1133.30	108	16	8	19	48	146.60	-258.07	201.83	113	16	11	10	48	1105.81	-132.89	7.18	116
16	5	31	48	1015.07	-549.77	1153.30	108	16	8	22	48	146.60	-262.56	213.82	113	16	11	13	48	1149.3			

16	11	7	48	309.47	-30.67	97.44	117	16	13	58	48	541.40	-59.60	-58.34	120	16	16	49	48	481.07	-0.82	-152.84	124
16	11	10	48	288.26	-20.42	102.66	117	16	14	1	48	522.41	-64.14	-39.13	120	16	16	52	48	508.28	-10.36	-149.15	124
16	11	13	48	230.47	-9.79	107.60	117	16	14	4	48	496.64	-65.17	-15.32	120	16	16	55	48	530.17	-19.74	-145.23	124
16	11	16	48	197.95	1.09	111.49	117	16	14	7	48	464.85	-62.18	7.10	120	16	16	58	48	545.98	-28.91	-140.78	124
16	11	19	48	172.29	12.11	115.90	117	16	14	10	48	428.10	-36.08	23.84	120	16	17	1	48	555.07	-37.80	-135.35	124
16	11	22	48	194.68	23.15	120.82	117	16	14	13	48	387.73	-48.09	35.41	120	16	17	4	48	556.99	-46.27	-128.27	124
16	11	25	48	145.80	34.03	126.81	117	16	14	16	48	345.36	-38.97	43.63	121	16	17	7	48	551.50	-54.03	-118.45	124
16	11	28	48	145.81	44.46	134.79	117	16	14	19	48	302.80	-29.14	49.86	121	16	17	10	48	538.59	-60.48	-104.21	124
16	11	31	48	154.39	53.94	146.37	117	16	14	22	48	262.02	-18.82	54.94	121	16	17	13	48	518.50	-64.56	-84.07	124
16	11	34	48	170.80	61.44	164.12	117	16	14	25	48	224.95	-8.15	59.42	121	16	17	16	48	491.74	-64.96	-60.01	124
16	11	37	48	194.03	65.17	170.46	117	16	14	28	48	193.42	2.76	63.71	121	16	17	19	48	459.11	-61.40	-38.33	124
16	11	40	48	222.88	63.64	143.24	117	16	14	31	48	168.96	13.80	68.17	121	16	17	22	48	421.71	-54.94	-22.51	124
16	11	43	48	256.07	57.77	122.67	117	16	14	34	48	152.68	24.82	73.21	121	16	17	25	48	380.93	-46.73	-11.57	124
16	11	46	48	292.28	49.56	109.26	117	16	14	37	48	145.19	35.66	79.43	121	16	17	28	48	338.43	-37.48	-3.73	124
16	11	49	48	330.22	40.33	100.23	117	16	14	40	48	146.57	45.99	87.83	121	16	17	31	48	296.05	-27.56	2.27	124
16	11	52	48	368.61	30.67	93.94	118	16	14	43	48	156.42	55.25	100.17	121	16	17	34	48	255.74	-17.17	7.23	124
16	11	55	48	406.22	20.88	88.97	118	16	14	46	48	173.96	62.31	119.09	121	16	17	37	48	219.46	-6.46	11.66	124
16	11	58	48	441.84	11.10	84.80	118	16	14	49	48	198.13	65.29	145.40	121	16	17	40	48	188.97	4.48	15.95	124
16	12	1	48	474.36	1.40	81.03	118	16	14	52	48	227.72	62.97	171.99	121	16	17	43	48	165.76	15.52	20.47	124
16	12	4	48	502.71	-8.18	77.35	118	16	14	55	48	261.45	56.62	168.67	121	16	17	46	48	150.86	26.53	25.65	124
16	12	7	48	525.95	-17.60	73.51	118	16	14	58	48	297.99	48.20	156.11	121	16	17	49	48	144.79	37.31	32.13	124
16	12	10	48	543.27	-26.82	69.21	118	16	15	1	43	336.06	38.87	147.67	122	16	17	52	48	147.55	47.52	41.01	124
16	12	13	48	554.00	-35.79	64.06	118	16	15	4	43	374.39	29.19	141.55	122	16	17	55	48	158.68	56.53	54.18	124
16	12	16	48	557.64	-44.37	57.44	118	16	15	7	43	411.74	19.39	136.74	122	16	17	58	48	177.34	63.09	74.34	124
16	12	19	48	553.91	-52.32	54.38	118	16	15	10	48	446.93	9.62	132.65	122	16	18	1	48	202.45	65.27	101.37	124
16	12	22	48	542.72	-59.15	51.33	118	16	15	13	48	478.84	-0.07	128.91	122	16	18	4	48	232.77	62.19	127.11	124
16	12	25	48	524.27	-63.90	46.58	118	16	15	16	48	506.43	-9.63	125.22	122	16	18	7	48	267.01	55.41	145.23	124
16	12	28	48	499.00	-65.24	42.05	118	16	15	19	48	528.79	-19.02	121.33	122	16	18	10	48	303.86	46.79	156.99	124
16	12	31	48	467.64	-62.53	37.79	118	16	15	22	48	545.11	-28.21	116.93	122	16	18	13	48	342.04	37.38	164.97	124
16	12	34	48	431.22	-56.63	34.99	118	16	15	25	48	554.75	-37.13	111.60	122	16	18	16	48	380.26	27.66	170.83	124
16	12	37	48	391.06	-48.74	31.88	118	16	15	28	48	557.25	-65.63	104.68	122	16	18	19	48	417.32	17.86	175.50	124
16	12	40	48	348.77	-39.70	28.31	118	16	15	31	48	552.36	-53.46	95.13	122	16	18	22	48	452.04	8.10	179.51	124
16	12	43	48	306.15	-29.91	24.65	119	16	15	34	48	540.03	-60.05	81.30	122	16	18	25	48	483.30	-1.57	176.77	124
16	12	46	48	265.14	-19.62	20.80	119	16	15	37	48	520.48	-64.36	61.62	122	16	18	28	48	510.11	-11.10	173.07	124
16	12	49	48	227.71	-8.98	17.31	119	16	15	40	48	494.22	-65.08	37.67	122	16	18	31	48	531.53	-20.47	169.13	124
16	12	52	48	195.68	1.92	14.00	119	16	15	43	48	462.01	-61.80	15.60	122	16	18	34	48	546.82	-29.62	164.61	124
16	12	55	48	170.61	12.95	10.93	119	16	15	46	48	424.93	-55.52	0.68	122	16	18	37	48	555.34	-38.49	159.08	124
16	12	58	48	153.66	23.98	97.01	119	16	15	49	48	384.36	-47.81	11.93	122	16	18	40	48	556.67	-46.91	151.83	124
16	13	1	48	145.47	34.84	103.11	119	16	15	52	48	341.91	-38.23	19.95	123	16	18	43	48	550.59	-54.59	141.73	124
16	13	4	48	146.16	45.22	111.30	119	16	15	55	48	299.44	-28.35	26.07	123	16	18	46	48	537.10	-60.91	127.06	124
16	13	7	48	155.37	54.59	123.25	119	16	15	58	48	258.88	-18.00	31.08	123	16	18	49	48	516.45	-64.74	106.46	124
16	13	10	48	172.55	61.88	141.57	119	16	16	1	48	222.20	-7.31	39.54	123	16	18	52	48	489.19	-64.82	82.35	124
16	13	13	48	196.05	65.25	167.45	119	16	16	4	48	191.19	3.61	39.83	123	16	18	55	48	456.14	-60.98	61.08	124
16	13	16	48	225.28	63.32	165.62	119	16	16	7	48	167.34	14.65	44.31	123	16	18	58	48	418.43	-54.34	45.71	124
16	13	19	48	258.73	57.20	145.65	119	16	16	10	48	151.75	25.67	49.42	123	16	19	1	48	377.46	-46.03	35.07	124
16	13	22	48	295.12	48.89	132.67	119	16	16	13	48	144.96	36.48	55.77	123	16	19	4	48	334.91	-36.71	27.42	124
16	13	25	48	333.13	39.61	124.00	119	16	16	16	48	147.03	46.75	64.40	123	16	19	7	48	292.63	-26.75	21.52	124
16	13	28	48	371.49	29.93	117.74	120	16	16	19	48	157.52	55.89	77.15	123	16	19	10	48	252.59	-16.34	16.62	124
16	13	31	48	408.97	20.14	112.86	120	16	16	22	48	175.62	62.71	96.68	123	16	19	13	48	216.72	-5.60	12.22	124
16	13	34	48	444.38	10.36	108.73	120	16	16	25	48	200.26	65.30	123.37	123	16	19	16	48	186.79	5.35	-7.92	124
16	13	37	48	476.60	0.67	104.97	120	16	16	28	48	230.22	62.60	149.56	123	16	19	19	48	164.22	16.40	-3.37	124
16	13	40	48	504.58	-8.90	101.29	120	16	16	31	48	264.21	56.02	168.30	123	16	19	22	48	150.02	27.40	1.88	124
16	13	43	48	527.38	-18.31	97.43	120	16	16	34	48	300.91	47.50	179.55	123	16	19	25	48	144.67	38.15	8.51	124
16	13	46	48	544.20	-27.51	93.08	120	16	16	37	48	339.03	38.13	171.35	124	16	19	28	48	148.14	48.29	17.64	124
16	13	49	48	554.39	-36.45	87.83	120	16	16	40	48	377.32	28.43	165.36	124	16	19	31	48	159.91	57.16	31.27	124
16	13	52	48	557.47	-45.00	81.07	120	16	16	43	48	414.52	18.63	160.62	124	16	19	34	48	179.13	63.45	52.08	124
16	13	55	48	553.16	-52.89	71.77	120	16	16	46	48	449.48	8.86	156.57	124	16	19	37	48	204.70	65.21	79.38	124
16	13	58	48					16	16	49	48					16	19	40	48	235.37	61.76	104.62	124

16	19	43	48	259.86	54.77	122.14	127	16	22	34	48	148.50	29.16	-45.59	131	17	1	25	48	363.14	-43.09	-129.19	134
16	19	46	48	306.86	46.06	133.51	127	16	22	37	48	144.62	39.84	-38.66	131	17	1	28	48	320.52	-33.53	-152.21	135
PERIOD 95.758								16	22	40	48	149.49	49.83	-28.96	131	17	1	31	48	278.81	-23.40	-116.71	135
16	19	49	48	345.07	36.62	141.28	128	16	22	43	48	162.54	58.40	-14.35	131	17	1	34	48	239.98	-12.87	-112.02	135
16	19	52	48	383.24	28.89	147.02	128	16	22	46	48	182.88	64.09	7.75	131	17	1	37	48	205.93	-2.05	-107.69	135
16	19	55	48	420.14	17.09	151.62	128	16	22	49	48	209.36	64.99	35.42	131	17	1	40	48	178.33	8.95	-103.35	135
16	19	58	48	454.60	7.33	155.60	128	16	22	52	48	240.74	60.82	59.54	131	17	1	43	48	158.47	20.00	-98.62	135
16	20	1	48	485.53	-2.33	159.30	128	16	22	55	48	275.71	53.45	75.88	131	17	1	46	48	147.20	30.95	-93.01	135
16	20	4	48	511.92	-11.85	163.01	128	16	22	58	48	312.97	44.57	86.52	131	17	1	49	48	144.80	41.54	-85.72	135
PERIOD 95.752								16	22	61	48					17	1	52	48	151.09	51.37	-75.40	135
16	20	7	48	532.87	-21.20	166.99	128	16	23	1	48	351.23	35.06	93.88	132	17	1	55	48	165.44	59.59	-59.71	135
16	20	10	48	547.62	-30.34	171.57	128	16	23	4	48	389.25	25.31	99.39	132	17	1	58	48	186.87	64.61	-36.32	135
16	20	13	48	555.57	-39.18	177.21	128	16	23	7	48	425.80	15.51	103.86	132	17	1	61	48	214.25	64.61	-1.43	135
16	20	16	48	556.31	-47.56	183.37	128	16	23	10	48	459.73	5.76	107.77	132	17	2	4	48	246.31	59.77	14.32	135
16	20	19	48	549.62	-55.15	189.47	128	16	23	13	48	489.96	-3.88	111.46	132	17	2	7	48	281.73	52.06	29.52	135
16	20	22	48	555.54	-61.32	195.86	128	16	23	16	48	515.50	-13.37	115.19	132	17	2	10	48	319.23	43.04	39.48	135
PERIOD 95.747								16	23	19	48	535.46	-22.69	119.25	132	PERIOD 95.747							
16	20	25	48	514.34	-64.90	202.81	128	16	23	22	48	549.12	-31.79	123.96	132	17	2	13	48	357.51	33.46	46.45	136
16	20	28	48	486.59	-64.65	208.68	128	16	23	25	48	559.90	-40.57	129.83	132	17	2	16	48	395.34	23.69	51.75	136
16	20	31	48	453.12	-60.53	214.86	128	16	23	28	48	555.40	-48.85	137.64	132	17	2	19	48	431.51	13.90	56.10	136
16	20	34	48	435.10	-53.72	221.29	128	16	23	31	48	555.43	-56.27	146.67	132	17	2	22	48	464.87	4.17	59.96	136
16	20	37	48	432.95	-45.31	227.86	128	16	23	34	48	547.52	-62.11	164.72	132	17	2	25	48	494.36	-5.45	63.63	136
16	20	40	48	391.36	-35.94	234.47	129	16	23	37	48	532.24	-65.14	173.39	132	17	2	28	48	519.00	-14.92	67.40	136
16	20	43	48	289.20	-25.93	241.07	129	16	23	40	48	509.93	-64.22	149.37	132	17	2	31	48	537.93	-24.21	71.54	136
16	20	46	48	249.44	-15.49	247.69	129	16	23	43	48	481.18	-59.58	129.47	132	17	2	34	48	550.46	-33.26	76.40	136
16	20	49	48	184.00	-7.73	254.09	129	16	23	46	48	446.90	-52.45	115.41	132	17	2	37	48	556.04	-1.97	82.53	136
16	20	52	48	184.63	6.23	260.79	129	16	23	49	48	408.27	-43.84	105.65	132	17	2	40	48	554.32	-50.15	90.76	136
16	20	55	48	162.72	17.28	267.20	129	16	23	52	48	366.79	-34.35	98.51	133	17	2	43	48	545.17	-57.37	102.50	136
16	20	58	48	149.23	28.27	273.86	129	16	23	55	48	324.16	-24.26	92.91	133	17	2	46	48	528.69	-62.84	119.53	136
16	21	1	48	144.61	38.99	280.47	129	16	23	58	48	282.29	-13.75	88.17	133	17	2	49	48	505.825	-65.27	142.20	136
16	21	4	48	188.78	49.06	286.88	129	16	23	61	48	243.13	-2.95	83.82	133	17	2	52	48	475.52	-63.68	165.90	136
16	21	7	48	161.19	57.79	293.47	129	16	23	64	48	208.60	8.03	79.450	133	17	2	55	48	440.43	-58.53	175.19	136
16	21	10	48	180.97	63.79	299.88	129	16	23	67	48	180.39	13.08	74.83	133	17	2	58	48	401.24	-51.10	161.98	136
16	21	13	48	207.00	65.12	306.40	129	16	23	70	48	159.84	30.05	69.31	133	17	3	1	48	359.46	-2.32	152.74	136
16	21	16	48	238.03	61.30	313.00	129	16	23	73	48	147.82	40.69	62.20	133	17	3	4	48	316.84	-32.71	145.92	136
16	21	19	48	272.76	54.12	319.62	129	16	23	76	48	144.68	50.60	52.20	133	17	3	7	48	275.31	-22.54	140.51	137
PERIOD 95.755								16	23	79	48	150.26	59.00	37.06	133	17	3	10	48	236.83	-11.97	135.86	137
16	21	22	48	309.89	45.32	326.24	129	16	23	82	48	163.96	64.37	14.32	133	17	3	13	48	203.28	-1.14	131.54	137
16	21	25	48	348.14	35.84	332.81	130	16	23	85	48	184.84	64.37	13.44	133	17	3	16	48	176.30	9.87	127.19	137
16	21	28	48	386.23	26.10	339.40	130	16	23	88	48	211.78	64.82	13.44	133	17	3	19	48	157.15	20.92	122.41	137
16	21	31	48	422.96	16.30	346.00	130	16	23	91	48	243.49	60.30	36.95	133	17	3	22	48	146.63	31.85	116.69	137
16	21	34	48	457.16	6.55	352.58	130	16	23	94	48	278.70	52.76	52.71	133	17	3	25	48	144.99	42.40	109.22	137
16	21	37	48	487.75	-3.10	359.10	130	16	23	97	48	316.08	4.81	63.01	133	17	3	28	48	152.00	52.14	98.54	137
16	21	40	48	512.72	-12.61	365.63	130	16	23	100	48	354.36	34.27	70.17	134	17	3	31	48	166.98	60.16	82.27	137
16	21	43	48	534.18	-21.95	371.11	130	16	23	103	48	392.28	24.51	75.57	134	17	3	34	48	188.97	64.82	58.26	137
16	21	46	48	548.39	-31.06	377.66	130	16	23	106	48	428.65	14.71	79.98	134	17	3	37	48	216.79	64.37	30.56	137
16	21	49	48	555.76	-39.87	384.13	130	16	23	109	48	462.30	4.97	83.86	134	17	3	40	48	249.17	59.20	8.36	137
16	21	52	48	555.90	-48.20	390.62	130	16	23	112	48	492.16	-8.66	91.29	134	17	3	43	48	284.81	51.34	6.30	137
16	21	55	48	548.60	-55.72	397.10	130	16	23	115	48	517.26	-14.45	95.39	134	17	3	46	48	322.41	42.25	15.94	137
16	21	58	48	533.92	-61.72	403.62	130	16	23	118	48	536.71	-23.44	100.17	134	17	3	49	48	360.69	32.65	22.73	138
16	22	1	48	512.17	-65.03	410.10	130	16	23	121	48	569.81	-32.52	106.17	134	17	3	52	48	398.41	22.88	27.93	138
16	22	4	48	483.92	-64.45	416.55	130	16	23	124	48	556.00	-41.27	106.17	134	17	3	55	48	434.37	13.08	32.22	138
16	22	7	48	450.04	-60.07	423.02	130	16	23	127	48	554.90	-45.20	114.18	134	17	3	58	48	467.43	3.36	36.05	138
16	22	10	48	411.71	-53.09	429.16	130	16	23	130	48	546.37	-56.83	125.56	134	17	3	61	48	496.53	-6.25	39.73	138
16	22	13	48	370.39	-44.59	435.81	130	16	23	133	48	530.50	-62.49	142.09	134	17	4	1	48	520.71	-15.71	43.52	138
16	22	16	48	327.78	-35.15	441.91	131	16	23	136	48	507.63	-65.22	164.39	134	17	4	4	48	539.12	-24.90	47.70	138
16	22	19	48	285.75	-25.10	448.02	131	16	23	139	48	478.38	-69.96	171.73	134	17	4	7	48	551.07	-34.01	52.64	138
16	22	22	48	246.29	-14.63	454.13	131	16	23	142	48	443.70	-59.07	183.69	134	17	4	10	48	589.04	-42.68	58.91	138
16	22	25	48	211.30	-3.85	459.96	131	16	23	145	48	404.78	-51.78	198.69	134	17	4	13	48				
16	22	28	48	182.49	7.13	465.65	131	16	23	148	48					17	4	16	48				
16	22	31	48	161.26	18.18	471.32	131	16	23	151													

Section C

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17	1	49	19	143.42	39.83	0	0	0	0
17	1	52	19	148.36	49.31	-86.72	27.68	75.50	53.34
17	1	55	19	161.54	58.36	-76.99	44.48	312.99	312.99
17	1	58	19	182.03	64.01	-40.24	34.97	312.99	312.99
17	2	1	19	208.71	64.88	-12.65	40.24	312.99	312.99
17	2	4	19	240.30	60.70	11.38	40.24	312.99	312.99
17	2	7	19	275.50	53.34	27.68	44.48	312.99	312.99
17	2	10	19	312.99	44.48	38.31	44.48	312.99	312.99
17	2	13	19	351.47	34.97	44.48	44.48	312.99	312.99
17	2	16	19	389.70	25.23	51.20	44.48	312.99	312.99
17	2	19	19	426.43	15.44	59.61	44.48	312.99	312.99
17	2	22	19	460.52	5.71	67.07	44.48	312.99	312.99
17	2	25	19	490.86	-3.92	63.32	44.48	312.99	312.99
17	2	28	19	516.48	-13.40	67.07	44.48	312.99	312.99
17	2	31	19	536.48	-22.71	71.14	44.48	312.99	312.99
17	2	34	19	550.15	-31.79	75.87	44.48	312.99	312.99
17	2	37	19	556.90	-40.55	81.76	44.48	312.99	312.99
17	2	40	19	556.35	-48.82	89.59	44.48	312.99	312.99
17	2	43	19	548.33	-56.22	100.64	44.48	312.99	312.99
17	2	46	19	532.92	-62.03	116.67	44.48	312.99	312.99
17	2	49	19	510.45	-65.04	138.50	44.48	312.99	312.99
17	2	52	19	481.52	-64.12	162.42	44.48	312.99	312.99
17	2	55	19	447.03	-59.49	177.73	44.48	312.99	312.99
17	2	58	19	366.49	-43.79	193.89	44.48	312.99	312.99
17	3	1	19	366.49	-43.79	193.89	44.48	312.99	312.99
17	3	4	19	323.65	-34.30	146.74	44.48	312.99	312.99
17	3	7	19	281.58	-24.22	141.12	44.48	312.99	312.99
17	3	10	19	242.24	-13.72	136.36	44.48	312.99	312.99
17	3	13	19	207.57	-2.93	131.99	44.48	312.99	312.99
17	3	16	19	176.24	8.05	127.64	44.48	312.99	312.99
17	3	19	19	150.63	19.10	122.94	44.48	312.99	312.99
17	3	22	19	146.59	30.06	117.60	44.48	312.99	312.99
17	3	25	19	143.49	40.69	110.26	44.48	312.99	312.99
17	3	28	19	143.15	50.59	100.21	44.48	312.99	312.99
17	3	31	19	162.98	58.96	85.03	44.48	312.99	312.99
17	3	34	19	184.04	64.71	64.71	44.48	312.99	312.99
17	3	37	19	211.18	64.71	34.61	44.48	312.99	312.99
17	3	40	19	243.11	60.18	11.20	44.48	312.99	312.99
17	3	43	19	278.55	52.65	4.52	44.48	312.99	312.99
17	3	46	19	316.16	43.71	14.81	44.48	312.99	312.99
17	3	49	19	354.66	34.17	21.98	44.48	312.99	312.99
17	3	52	19	392.79	24.42	27.39	44.48	312.99	312.99
17	3	55	19	429.33	14.63	31.81	44.48	312.99	312.99
17	3	58	19	463.13	4.91	35.71	44.48	312.99	312.99
17	4	1	19	493.10	-4.71	39.41	44.48	312.99	312.99
17	4	4	19	518.27	-14.18	43.17	44.48	312.99	312.99
17	4	7	19	537.76	-23.47	47.29	44.48	312.99	312.99
17	4	10	19	550.85	-32.53	52.09	44.48	312.99	312.99
17	4	13	19	556.98	-41.826	58.11	44.48	312.99	312.99
17	4	16	19	555.81	-49.47	66.15	44.48	312.99	312.99
17	4	19	19	547.16	-56.78	77.54	44.48	312.99	312.99
17	4	22	19	531.14	-62.41	94.07	44.48	312.99	312.99
17	4	25	19	508.10	-65.12	116.30	44.48	312.99	312.99
17	4	28	19	478.66	-63.86	140.08	44.48	312.99	312.99
17	4	31	19	443.77	-58.98	159.44	44.48	312.99	312.99
17	4	34	19	404.64	-51.71	173.07	44.48	312.99	312.99
17	4	37	19	362.78	-43.03	177.42	44.48	312.99	312.99
17	4	40	19	319.94	-33.48	170.43	44.48	312.99	312.99
17	4	43	19	278.04	-23.36	164.90	44.48	312.99	312.99
17	4	46	19	239.04	-12.83	160.19	44.48	312.99	312.99
17	4	49	19	204.85	-2.01	155.84	44.48	312.99	312.99
17	4	52	19	177.14	8.98	151.48	44.48	312.99	312.99
17	4	55	19	157.24	20.03	146.73	44.48	312.99	312.99
17	4	58	19	145.96	30.97	141.09	44.48	312.99	312.99
17	4	59	19	143.62	41.56	133.76	44.48	312.99	312.99
17	5	1	19	150.01	51.37	123.38	44.48	312.99	312.99
17	5	4	19	164.50	59.55	107.64	44.48	312.99	312.99
17	5	7	19	186.12	64.53	84.25	44.48	312.99	312.99
17	5	10	19	213.70	64.50	56.58	44.48	312.99	312.99
17	5	13	19	241.98	59.64	33.81	44.48	312.99	312.99
17	5	16	19	285.98	51.94	18.66	44.48	312.99	312.99
17	5	19	19	281.64	41.56	13.76	44.48	312.99	312.99
17	5	22	19	319.37	42.92	8.71	44.48	312.99	312.99
17	5	25	19	357.87	33.36	3.58	44.48	312.99	312.99
17	5	28	19	395.90	23.60	1.72	44.48	312.99	312.99
17	5	31	19	432.24	13.81	7.94	44.48	312.99	312.99
17	5	34	19	465.74	4.09	11.81	44.48	312.99	312.99
17	5	37	19	495.33	-5.51	15.51	44.48	312.99	312.99
17	5	40	19	520.03	-14.97	19.29	44.48	312.99	312.99
17	5	43	19	538.99	-24.25	23.44	44.48	312.99	312.99
17	5	46	19	551.50	-33.28	28.33	44.48	312.99	312.99
17	5	49	19	557.02	-41.98	34.48	44.48	312.99	312.99
17	5	52	19	555.21	-50.13	42.74	44.48	312.99	312.99
17	5	55	19	545.93	-57.23	54.50	44.48	312.99	312.99
17	5	58	19	529.29	-62.77	71.53	44.48	312.99	312.99
17	6	1	19	505.68	-65.17	94.13	44.48	312.99	312.99
17	6	4	19	475.74	-63.57	117.73	44.48	312.99	312.99
17	6	7	19	440.44	-58.44	136.58	44.48	312.99	312.99
17	6	10	19	401.03	-51.02	149.79	44.48	312.99	312.99
17	6	13	19	359.03	-42.25	159.03	44.48	312.99	312.99
17	6	16	19	316.20	-32.64	165.87	44.48	312.99	312.99
17	6	19	19	274.48	-22.48	171.31	44.48	312.99	312.99
17	6	22	19	235.83	-11.92	175.97	44.48	312.99	312.99
17	6	25	19	202.15	-1.09	179.69	44.48	312.99	312.99
17	6	28	19	175.08	9.92	175.31	44.48	312.99	312.99
17	6	31	19	155.90	20.96	170.51	44.48	312.99	312.99
17	6	34	19	145.39	31.89	164.76	44.48	312.99	312.99
17	6	37	19	143.82	42.43	157.24	44.48	312.99	312.99
17	6	39	19	143.49	40.69	150.21	44.48	312.99	312.99
17	6	42	19	162.98	58.96	146.74	44.48	312.99	312.99
17	6	45	19	184.04	64.71	141.12	44.48	312.99	312.99
17	6	48	19	211.18	64.71	136.36	44.48	312.99	312.99
17	6	51	19	243.11	60.18	131.99	44.48	312.99	312.99
17	6	54	19	278.55	52.65	127.64	44.48	312.99	312.99
17	6	57	19	316.16	43.71	123.38	44.48	312.99	312.99
17	6	60	19	354.66	34.17	119.03	44.48	312.99	312.99
17	6	63	19	392.79	24.42	114.81	44.48	312.99	312.99
17	6	66	19	429.33	14.63	110.61	44.48	312.99	312.99
17	6	69	19	463.13	4.91	106.41	44.48	312.99	312.99
17	6	72	19	493.10	-4.71	102.21	44.48	312.99	312.99
17	6	75	19	518.27	-14.18	98.01	44.48	312.99	312.99
17	6	78	19	537.76	-23.47	93.81	44.48	312.99	312.99
17	6	81	19	550.85	-32.53	89.61	44.48	312.99	312.99
17	6	84	19	556.98	-41.826	85.41	44.48	312.99	312.99
17	6	87	19	555.81	-49.47	81.21	44.48	312.99	312.99
17	6	90	19	547.16	-56.78	77.01	44.48	312.99	312.99
17	6	93	19	531.14	-62.41	72.81	44.48	312.99	312.99
17	6	96	19	508.10	-65.12	68.61	44.48	312.99	312.99
17	6	99	19	478.66	-63.86	64.41	44.48	312.99	312.99
17	7	1	19	443.77	-58.98	60.21	44.48	312.99	312.99
17	7	4	19	404.64	-51.71	56.01	44.48	312.99	312.99
17	7	7	19	362.78	-43.03	51.81	44.48	312.99	312.99
17	7	10	19	319.94	-33.48	47.61	44.48	312.99	312.99
17	7	13	19	278.04	-23.36	43.41	44.48	312.99	312.99
17	7	16	19	239.04	-12.83	39.21	44.48	312.99	312.99
17	7	19	19	204.85	-2.01	35.01	44.48	312.99	312.99
17	7	22	19	177.14	8.98	30.81	44.48	312.99	312.99
17	7	25	19	157.24	20.03	26.61	44.48	312.99	312.99
17	7	28	19	145.96	30.97	22.41	44.48	312.99	312.99
17	7	31	19	143.62	41.56	18.21	44.48	312.99	312.99
17	7	34	19	150.01	51.37	14.01	44.48	312.99	312.99
17	7	37	19						

17	9	34	19	229.45	-10.07	128.31	9	17	12	25	19	495.29	-65.08	5.71	13	17	15	16	19	530.03	-19.84	-123.87	16	
17	9	37	19	196.83	0.80	132.63	9	17	12	28	19	463.38	-62.13	28.11	13	17	15	19	19	545.61	-29.00	-119.38	16	
17	9	40	19	171.08	11.82	137.05	9	17	12	31	19	426.52	-56.06	44.89	13	17	15	22	19	554.43	-37.88	-113.92	16	
17	9	43	19	153.38	22.86	141.97	9	17	12	34	19	386.05	-48.09	56.51	13	17	15	25	19	556.07	-46.33	-106.80	17	
17	9	46	19	144.44	33.74	147.96	9	17	12	37	19	342.60	-38.99	64.78	13	17	15	28	19	550.29	-56.06	-96.91	17	
PERIOD 95.736													-29.16	71.04	13	17	15	31	19	537.09	-60.47	-82.59	17	
17	9	49	19	144.42	44.18	155.91	10	17	12	40	19	300.98	-18.85	80.66	13	17	15	34	19	516.70	-64.50	-82.41	17	
17	9	52	19	153.00	53.67	167.40	10	17	12	43	19	260.17	-18.85	80.66	13	17	15	37	19	489.67	-64.84	-82.41	17	
17	9	55	19	163.44	61.22	175.02	10	17	12	46	19	223.11	-18.85	80.66	13	17	15	40	19	456.79	-61.24	-16.87	17	
17	9	58	19	192.72	63.05	149.82	10	17	12	49	19	191.63	2.73	89.47	13	17	15	43	19	419.18	-54.75	-1.12	17	
17	10	1	19	221.64	65.64	149.82	10	17	12	52	19	167.25	13.76	89.45	13	17	15	46	19	378.25	-46.53	9.77	17	
17	10	4	19	254.90	57.85	149.82	10	17	12	55	19	151.09	24.79	94.51	13	17	15	49	19	335.65	-37.27	17.60	17	
17	10	7	19	291.20	49.70	149.82	10	17	12	58	19	143.75	35.62	100.76	13	17	15	52	19	293.24	-16.96	28.57	17	
PERIOD 95.730																14	17	15	55	19	252.99	-6.24	33.02	17
17	10	10	19	329.21	40.50	149.82	10	17	13	1	19	145.31	45.94	109.19	14	17	15	58	19	216.84	-6.24	33.02	17	
17	10	13	19	367.67	30.86	149.82	10	17	13	4	19	155.36	55.18	121.55	14	17	15	59	19	186.56	-6.24	33.02	17	
17	10	16	19	405.34	21.08	149.82	10	17	13	7	19	173.09	62.22	140.47	14	17	16	1	19	163.63	-6.24	33.02	17	
17	10	19	19	441.00	11.31	149.82	10	17	13	10	19	197.46	65.19	166.70	14	17	16	4	19	149.06	26.75	47.11	17	
17	10	22	19	473.55	1.61	149.82	10	17	13	13	19	227.24	68.88	166.70	14	17	16	7	19	143.35	37.52	53.66	17	
17	10	25	19	501.92	-7.96	149.82	10	17	13	16	19	261.12	56.54	147.49	14	17	16	10	19	143.35	37.52	53.66	17	
17	10	28	19	525.17	-17.37	149.82	10	17	13	19	19	297.79	48.14	134.92	14	17	16	13	19	146.50	47.70	62.63	18	
17	10	31	19	542.48	-26.60	149.82	10	17	13	22	19	335.96	38.83	126.47	14	17	16	16	19	158.01	56.65	75.96	18	
17	10	34	19	553.19	-35.56	149.82	10	17	13	25	19	374.34	29.15	120.33	14	17	16	19	19	177.03	63.12	96.30	18	
17	10	37	19	556.81	-44.14	149.82	10	17	13	28	19	411.70	19.36	115.50	14	17	16	22	19	202.47	65.16	123.32	18	
17	10	40	19	553.04	-52.10	149.82	10	17	13	31	19	446.87	9.60	111.40	14	17	16	25	19	233.07	61.98	148.84	18	
17	10	43	19	541.82	-63.74	149.82	10	17	13	34	19	478.72	-0.08	107.64	14	17	16	28	19	267.54	55.14	166.76	18	
17	10	46	19	523.32	-63.74	149.82	10	17	13	37	19	506.22	-0.63	103.94	14	17	16	31	19	304.56	46.52	178.41	18	
17	10	49	19	498.00	-65.15	149.82	10	17	13	40	19	528.44	-19.01	100.03	14	17	16	34	19	342.83	37.11	173.65	18	
17	10	52	19	466.58	-62.54	149.82	10	17	13	43	19	544.61	-28.19	95.61	14	17	16	37	19	381.10	27.40	167.81	18	
17	10	55	19	430.09	-56.69	149.82	10	17	13	46	19	564.07	-37.10	90.25	14	17	16	40	19	418.12	17.61	163.14	18	
17	10	58	19	389.87	-48.85	149.82	10	17	13	49	19	556.38	-53.41	83.32	15	17	16	43	19	452.74	7.86	159.12	18	
17	11	1	19	347.51	-39.82	149.82	10	17	13	52	19	551.28	-53.41	73.74	15	17	16	46	19	483.84	-1.80	155.39	18	
17	11	4	19	304.82	-30.05	149.82	10	17	13	55	19	538.98	-59.98	59.90	15	17	16	49	19	510.43	-11.32	151.68	18	
17	11	7	19	263.76	-19.77	149.82	10	17	13	58	19	518.98	-64.27	40.24	15	17	16	52	19	531.59	-20.68	147.70	18	
17	11	10	19	226.27	-9.13	149.82	10	17	14	1	19	492.52	-64.98	16.36	15	17	16	55	19	546.56	-29.82	143.15	18	
17	11	13	19	194.21	1.76	149.82	10	17	14	4	19	460.12	-61.70	5.64	15	17	16	58	19	554.74	-47.06	137.56	18	
17	11	16	19	169.14	12.79	149.82	10	17	14	7	19	422.88	-55.42	21.90	15	17	17	1	19	555.70	-54.70	130.24	19	
17	11	19	19	152.21	23.82	149.82	10	17	14	10	19	382.18	-47.32	33.15	15	17	17	4	19	549.24	-60.96	120.03	19	
17	11	22	19	144.06	34.67	149.82	10	17	14	13	19	339.64	-38.14	41.19	15	17	17	7	19	535.36	-60.96	105.23	19	
PERIOD 95.733																17	17	10	19	514.35	-64.70	84.53	19	
17	11	25	19	144.83	45.06	132.53	12	17	14	16	19	297.12	-28.26	47.52	15	17	17	13	19	486.74	-64.67	60.48	19	
17	11	28	19	154.14	54.43	144.44	12	17	14	19	19	256.58	-17.91	56.84	15	17	17	16	19	452.39	-60.75	39.40	19	
17	11	31	19	171.23	61.74	162.68	12	17	14	22	19	219.96	-7.21	61.15	15	17	17	19	19	415.42	-54.06	24.17	19	
17	11	34	19	195.06	65.14	171.58	12	17	14	25	19	189.08	3.71	65.66	15	17	17	22	19	374.28	-45.73	13.62	19	
17	11	37	19	224.41	63.28	144.69	12	17	14	28	19	165.41	14.75	70.80	15	17	17	25	19	331.63	-36.40	-0.12	19	
17	11	40	19	257.98	57.21	124.67	12	17	14	31	19	150.04	25.77	77.20	15	17	17	28	19	289.35	-26.42	-0.12	19	
17	11	43	19	294.47	48.93	111.62	12	17	14	34	19	143.52	36.56	85.89	16	17	17	31	19	249.40	-16.00	4.78	19	
17	11	46	19	332.57	39.67	102.89	12	17	14	37	19	145.87	46.82	98.72	16	17	17	34	19	213.73	-9.20	9.20	19	
17	11	49	19	370.99	30.01	96.60	12	17	14	40	19	136.64	55.92	118.34	16	17	17	37	19	184.09	5.70	13.52	19	
17	11	52	19	408.51	20.23	91.68	12	17	14	43	19	175.03	62.68	145.00	16	17	17	40	19	161.90	16.75	18.11	19	
17	11	55	19	443.94	10.46	87.53	12	17	14	46	19	199.93	65.20	171.04	16	17	17	43	19	148.14	27.75	23.43	19	
17	11	58	19	476.14	0.77	83.75	12	17	14	49	19	230.12	62.45	170.34	16	17	17	46	19	143.26	38.47	30.14	19	
17	12	1	19	504.08	-8.07	80.06	12	17	14	52	19	264.30	55.85	170.34	16	17	17	49	19	147.21	48.58	39.42	20	

17	18	7	19	308.01	45.68	155.05	20	PERIOD	95.717	17	21	1	19	148.86	50.33	-6.85	24	17	23	52	19	273.64	-22.58	-95.03	27
17	18	10	19	346.32	36.23	162.74	20	17	21	1	19	19	162.57	58.76	8.15	24	17	23	55	19	235.13	-12.02	-90.36	27	
17	18	13	19	384.51	26.51	168.45	20	17	21	4	19	19	162.57	58.76	8.15	24	17	23	58	19	201.59	-1.19	-86.02	27	
17	18	16	19	421.34	16.72	173.04	20	17	21	7	19	19	180.48	64.77	30.67	24	18	0	1	19	174.65	9.82	-81.64	27	
17	18	19	19	455.67	6.97	177.02	20	17	21	10	19	19	242.28	60.36	81.94	24	18	0	4	19	155.58	20.87	-76.84	27	
17	18	22	19	486.39	-2.67	-179.27	20	17	21	13	19	19	277.56	52.89	97.85	24	18	0	7	19	145.17	31.79	-71.10	27	
17	18	25	19	512.49	-12.18	-175.54	20	17	21	16	19	19	315.03	43.98	108.26	24	18	0	10	19	143.68	42.34	-63.60	28	
17	18	28	19	533.19	-21.52	-171.52	20	17	21	19	19	19	353.39	34.45	115.50	24	18	0	13	19	150.85	52.06	-52.91	28	
17	18	31	19	547.46	-30.64	-166.90	20	17	21	22	19	19	391.38	24.70	120.95	24	18	0	16	19	166.00	60.07	-36.64	28	
17	18	34	19	554.98	-39.45	-161.19	20	17	21	25	19	19	427.81	14.92	125.39	24	18	0	19	19	188.17	64.72	-12.69	28	
17	18	37	19	555.26	-47.80	-153.66	21	17	21	28	19	19	461.52	5.18	129.30	24	18	0	22	19	216.17	59.13	37.08	28	
17	18	40	19	548.11	-55.34	-143.11	21	17	21	31	19	19	491.42	-4.44	133.00	24	18	0	25	19	248.71	51.29	51.74	28	
17	18	43	19	533.56	-61.42	-127.79	21	17	21	34	19	19	516.54	-13.92	136.76	24	18	0	28	19	284.49	22.86	73.43	28	
17	18	46	19	511.91	-64.86	-106.59	21	17	21	37	19	19	536.01	-32.22	140.86	24	18	0	31	19	360.56	32.63	68.22	28	
17	18	49	19	443.72	-64.46	-82.55	21	17	21	40	19	19	549.12	-41.04	151.62	24	18	0	34	19	322.20	42.21	61.40	28	
17	18	52	19	449.92	-60.23	-61.97	21	17	21	43	19	19	555.30	-49.27	159.60	25	18	0	37	19	398.33	22.86	77.75	28	
17	18	55	19	411.60	-53.35	-47.25	21	17	21	46	19	19	554.18	-50.61	170.90	25	18	0	40	19	434.30	13.08	81.59	28	
17	18	58	19	370.26	-44.91	-37.03	21	17	21	49	19	19	545.63	-62.30	172.71	25	18	0	43	19	467.33	3.36	85.29	28	
17	19	1	19	327.57	-35.50	-29.61	21	17	21	52	19	19	529.72	-65.10	172.71	25	18	0	46	19	520.45	-15.69	89.09	28	
17	19	4	19	285.44	-25.48	-23.84	21	17	21	55	19	19	477.51	-63.93	126.73	25	18	0	49	19	520.45	-24.95	93.29	28	
17	19	7	19	245.82	-15.02	-19.00	21	17	21	58	19	19	403.78	-51.88	93.48	25	18	0	52	19	538.74	-33.97	98.25	28	
17	19	10	19	210.65	-4.25	-14.61	21	17	21	61	19	19	362.07	-43.22	83.89	25	18	0	55	19	550.55	-42.64	104.53	29	
17	19	13	19	181.66	6.72	-10.28	21	17	21	64	19	19	319.37	-33.68	76.85	25	18	1	58	19	552.82	-50.74	113.02	29	
17	19	16	19	160.23	17.77	-5.84	21	17	21	67	19	19	277.58	-23.56	71.30	25	18	1	61	19	542.85	-57.84	125.14	29	
17	19	19	19	147.29	28.75	-0.23	21	17	21	70	19	19	204.58	-13.03	66.58	25	18	1	64	19	525.57	-63.10	142.67	29	
17	19	22	19	143.25	39.44	6.66	21	17	21	73	19	19	176.94	-2.22	62.22	25	18	1	67	19	501.39	-65.20	165.61	29	
17	19	25	19	148.00	49.45	16.26	22	17	21	76	19	19	145.80	30.77	47.50	25	18	1	70	19	470.98	-63.27	170.99	29	
17	19	28	19	160.97	58.07	30.67	22	17	21	79	19	19	143.45	41.37	40.22	26	18	1	73	19	435.34	-57.89	152.62	29	
17	19	31	19	181.27	63.88	52.47	22	17	21	82	19	19	149.81	51.20	29.91	26	18	1	76	19	395.73	-50.32	139.81	29	
17	19	34	19	207.74	64.95	79.99	22	17	21	85	19	19	185.79	59.43	14.29	26	18	1	79	19	353.71	-41.46	130.81	29	
17	19	37	19	239.15	60.94	104.29	22	17	21	88	19	19	213.29	64.55	8.96	26	18	1	82	19	311.05	-31.80	124.12	29	
17	19	40	19	274.17	53.66	120.86	22	17	21	91	19	19	245.46	59.76	36.63	26	18	1	85	19	269.69	-21.59	118.77	29	
17	19	43	19	311.50	44.84	131.66	22	17	21	94	19	19	281.00	52.10	74.81	26	18	1	88	19	231.60	-11.00	114.14	29	
17	19	46	19	347.84	35.35	139.12	22	17	21	97	19	19	356.86	33.54	91.86	26	18	1	91	19	198.63	-0.14	109.81	29	
17	19	49	19	387.94	25.61	144.70	22	17	21	100	19	19	394.85	33.79	97.19	26	18	1	94	19	172.42	10.87	105.41	29	
17	19	52	19	424.58	15.82	149.21	22	17	21	103	19	19	356.86	33.79	97.19	26	18	1	97	19	154.17	21.92	100.55	29	
17	19	55	19	458.60	6.08	153.16	22	17	21	106	19	19	394.85	33.79	97.19	26	18	1	100	19	144.62	32.82	94.68	29	
17	19	58	19	488.91	-3.55	156.86	22	17	21	109	19	19	394.85	33.79	97.19	26	18	1	103	19	143.98	43.32	86.95	30	
17	20	1	19	514.53	-13.05	160.61	22	17	21	112	19	19	431.05	14.00	101.57	26	18	1	106	19	151.96	52.92	75.85	30	
17	20	4	19	534.32	-22.37	164.66	22	17	21	115	19	19	464.43	4.28	105.45	26	18	1	109	19	167.84	60.69	58.90	30	
17	20	7	19	548.32	-31.46	169.37	22	17	21	118	19	19	493.91	-5.33	109.14	26	18	1	112	19	190.62	64.92	34.27	30	
17	20	10	19	555.17	-40.24	175.21	22	17	21	121	19	19	518.51	-14.80	112.92	26	18	1	115	19	219.11	63.96	6.84	30	
17	20	13	19	554.76	-48.53	177.05	23	17	21	124	19	19	537.07	-24.08	117.07	26	18	2	118	19	252.01	58.47	14.57	30	
17	20	16	19	546.91	-55.98	166.13	23	17	21	127	19	19	549.86	-33.13	121.94	26	18	2	121	19	288.03	50.46	28.63	30	
17	20	19	19	531.68	-61.87	150.28	23	17	21	130	19	19	555.36	-41.83	128.07	27	18	2	124	19	325.85	37.95	37.95	30	
17	20	22	19	509.40	-65.00	128.60	23	17	21	133	19	19	553.54	-50.00	136.29	27	18	2	127	19	364.19	31.70	44.57	30	
17	20	25	19	480.67	-64.21	104.63	23	17	21	136	19	19	544.28	-57.23	147.99	27	18	2	130	19	401.82	71.93	49.67	30	
17	20	28	19	446.38	-59.69	84.58	23	17	21	139	19	19	504.14	-65.17	172.50	27	18	2	133	19	437.54	12.15	53.92	30	
17	20	31	19	407.72	-52.63	70.35	23	17	21	142	19	19	474.29	-83.62	148.85	27	18	2	136	19	470.22	2.44	57.74	30	
17	20	34	19	366.19	-44.07	60.45	23	17	21	145	19	19	439.09	-88.52	129.90	27	18	2	139	19	498.81	7.15	61.44	30	
17	20	37	19	323.48	-53.60	42.57	23	17	21	148	19	19	399.79	-91.11	116.63	27	18	2	142	19	522.36	-16.58	65.26	30	
17	20	40	19	281.51	-24.53	27.79	23	17	21	151	19	19	357.91	-92.35	107.34	27	18	2	145	19	540.04	-25.82	69.52	30	
17	20	43	19	242.25	-14.03	42.79	23	17	21	154	19	19	315.22	-92.75	100.48	27	18	2	148	19	551.18	-34.81	74.58	30	
17	20	46	19	207.60	-3.24	38.42	23	17	21	157	19	19	315.22	-92.75	100.48	27	18	2	151	19	555.28	-43.44	81.03	31	
17	20	49	19	179.27	7.74	-34.07	23	17	21	160	19	19	315.22	-92.75	100.48	27	18	2	154	19	552.02	-51.47	89.79	31	
17	20	52	19	158.61	18.79	-29.39	23	17	21	163	19	19	315.22	-92.75	100.48	27	18	2	157	19	541.33	-58.44	102.36	31	
17	20	55	19	146.51	29.76	-23.88	23	17	21	166	19	19	315.22	-92.75	100.48	27	18	2	160	19	541.33	-58.44	102.36	31	
17	20	58	19	143.31	40.40	-16.79	23	17	21	169	19	19	315.22	-92.75	100.48	27	18	2	163	19	541.33	-58.44	102.36	31	

18	2	43	19	523.37	-63.46	120.46	31	18	5	34	19	503.61	-8.98	13.75	34	18	8	25	19	265.81	55.54	-76.01	38
18	2	46	19	498.55	-65.19	143.74	31	18	5	37	19	526.04	-18.39	17.64	34	18	8	28	19	302.65	46.98	-64.11	38
18	2	49	19	467.60	-62.98	166.83	31	18	5	40	19	542.48	-27.59	22.02	34	18	8	31	19	340.78	37.59	-56.04	38
18	2	52	19	431.52	-57.24	175.38	31	18	5	43	19	552.26	-36.52	27.29	34	18	8	34	19	378.94	27.89	-50.11	38
18	2	55	19	391.62	-49.52	183.01	31	18	5	46	19	564.92	-45.05	34.10	35	18	8	37	19	415.90	18.10	-45.40	38
18	2	58	19	349.46	-40.56	194.29	31	18	5	49	19	580.20	-52.93	43.47	35	18	8	40	19	450.49	8.35	-41.36	38
18	3	1	19	306.86	-30.84	154.29	31	18	5	52	19	598.06	-64.09	56.99	35	18	8	43	19	508.28	-10.85	-37.62	38
18	3	4	19	265.74	-20.59	147.76	31	18	5	55	19	618.72	-65.06	76.27	35	18	8	46	19	544.66	-29.37	-25.43	38
18	3	7	19	228.08	-9.86	137.92	31	18	6	1	19	492.64	-62.01	100.06	35	18	8	49	19	554.66	-29.37	-25.43	38
18	3	10	19	195.72	0.82	129.17	31	18	6	4	19	460.60	-55.87	139.00	35	18	8	52	19	532.07	-38.24	-19.01	38
18	3	13	19	170.24	11.94	124.24	31	18	6	7	19	423.68	-47.85	150.52	35	18	8	55	19	532.07	-38.24	-19.01	38
18	3	16	19	152.82	22.98	118.24	31	18	6	10	19	383.22	-38.72	158.72	35	18	8	58	19	532.07	-38.24	-19.01	38
18	3	19	19	144.15	33.86	118.24	31	18	6	13	19	340.85	-28.87	164.94	35	18	8	61	19	532.07	-38.24	-19.01	38
18	3	22	19	144.36	44.29	110.27	32	18	6	16	19	298.41	-18.54	170.03	35	18	8	64	19	532.07	-38.24	-19.01	38
18	3	25	19	152.16	53.77	98.72	32	18	6	19	19	257.85	-17.86	174.03	35	18	8	67	19	532.07	-38.24	-19.01	38
18	3	28	19	169.77	61.29	81.06	32	18	6	22	19	221.12	-7.86	178.84	35	18	8	70	19	532.07	-38.24	-19.01	38
18	3	31	19	193.15	65.06	58.79	32	18	6	25	19	190.02	3.06	176.57	35	18	8	73	19	532.07	-38.24	-19.01	38
18	3	34	19	222.12	63.60	28.63	32	18	6	28	19	166.07	14.10	171.58	35	18	8	76	19	532.07	-38.24	-19.01	38
18	3	37	19	255.38	57.78	-8.00	32	18	6	31	19	150.36	25.12	165.28	35	18	8	79	19	532.07	-38.24	-19.01	38
18	3	40	19	291.61	49.61	5.49	32	18	6	34	19	143.46	35.94	156.76	36	18	8	82	19	532.07	-38.24	-19.01	38
18	3	43	19	329.53	40.40	14.47	32	18	6	37	19	145.43	46.24	156.76	36	18	8	85	19	532.07	-38.24	-19.01	38
18	3	46	19	367.84	30.76	20.91	32	18	6	40	19	155.83	55.44	144.24	36	18	8	88	19	532.07	-38.24	-19.01	38
18	3	49	19	405.33	20.98	25.91	32	18	6	43	19	175.86	62.38	125.09	36	18	8	91	19	532.07	-38.24	-19.01	38
18	3	52	19	440.79	11.21	33.10	32	18	6	46	19	193.44	65.20	98.71	36	18	8	94	19	532.07	-38.24	-19.01	38
18	3	55	19	473.10	1.51	33.90	32	18	6	49	19	228.34	62.74	72.36	36	18	8	97	19	532.07	-38.24	-19.01	38
18	3	58	19	501.22	-8.06	37.59	32	18	6	52	19	268.28	56.53	53.29	36	18	8	100	19	532.07	-38.24	-19.01	38
18	4	1	19	524.22	-17.48	41.45	32	18	6	55	19	298.93	47.87	40.88	36	18	8	103	19	532.07	-38.24	-19.01	38
18	4	4	19	541.29	-26.70	45.76	32	18	6	58	19	336.99	38.54	32.52	36	18	8	106	19	532.07	-38.24	-19.01	38
18	4	7	19	551.75	-35.66	50.93	33	18	6	61	19	375.22	28.86	26.83	36	18	8	109	19	532.07	-38.24	-19.01	38
18	4	10	19	555.15	-44.25	57.55	33	18	6	64	19	412.36	19.07	21.63	36	18	8	112	19	532.07	-38.24	-19.01	38
18	4	13	19	551.15	-52.20	66.61	33	18	6	67	19	447.26	9.31	17.54	36	18	8	115	19	532.07	-38.24	-19.01	38
18	4	16	19	539.74	-60.70	79.64	33	18	6	70	19	478.80	-0.97	13.79	36	18	8	118	19	532.07	-38.24	-19.01	38
18	4	19	19	521.09	-63.79	98.33	33	18	6	73	19	505.96	-0.97	10.08	36	18	8	121	19	532.07	-38.24	-19.01	38
18	4	22	19	495.64	-65.14	121.89	33	18	6	76	19	527.82	-19.30	6.16	36	18	8	124	19	532.07	-38.24	-19.01	38
18	4	25	19	464.14	-62.46	144.62	33	18	6	79	19	542.61	-28.38	1.72	36	18	8	127	19	532.07	-38.24	-19.01	38
18	4	28	19	427.63	-66.57	161.83	33	18	6	82	19	552.70	-37.38	3.68	36	18	8	130	19	532.07	-38.24	-19.01	38
18	4	31	19	387.85	-68.69	174.77	33	18	6	85	19	554.63	-45.86	10.69	37	18	8	133	19	532.07	-38.24	-19.01	38
18	4	34	19	345.18	-69.65	177.78	33	18	6	88	19	542.17	-53.85	20.39	37	18	8	136	19	532.07	-38.24	-19.01	38
18	4	37	19	302.65	-69.86	171.41	33	18	6	91	19	516.26	-60.17	34.41	37	18	8	139	19	532.07	-38.24	-19.01	38
18	4	40	19	261.80	-69.57	166.24	33	18	6	94	19	489.56	-64.93	78.24	37	18	8	142	19	532.07	-38.24	-19.01	38
18	4	43	19	224.59	-69.92	161.70	33	18	6	97	19	456.99	-61.52	100.08	37	18	8	145	19	532.07	-38.24	-19.01	38
18	4	46	19	192.85	-69.82	157.38	33	18	6	100	19	419.65	-55.15	116.13	37	18	8	148	19	532.07	-38.24	-19.01	38
18	4	49	19	168.13	13.01	152.93	33	18	6	103	19	378.94	-46.99	127.25	37	18	8	151	19	532.07	-38.24	-19.01	38
18	4	52	19	151.56	24.05	147.92	33	18	6	106	19	336.49	-37.77	135.20	37	18	8	154	19	532.07	-38.24	-19.01	38
18	4	55	19	143.76	34.90	141.77	33	18	6	109	19	294.16	-27.87	141.28	37	18	8	157	19	532.07	-38.24	-19.01	38
18	5	1	19	143.86	45.27	133.54	34	18	6	112	19	253.91	-17.69	146.29	37	18	8	160	19	532.07	-38.24	-19.01	38
18	5	4	19	154.45	54.61	121.52	34	18	6	115	19	217.67	-6.78	150.76	37	18	8	163	19	532.07	-38.24	-19.01	38
18	5	7	19	171.77	61.85	103.13	34	18	6	118	19	187.24	4.15	155.07	37	18	8	166	19	532.07	-38.24	-19.01	38
18	5	10	19	195.76	65.16	77.27	34	18	6	121	19	164.09	15.19	159.60	37	18	8	169	19	532.07	-38.24	-19.01	38
18	5	13	19	225.20	63.19	50.47	34	18	6	124	19	149.25	26.21	164.78	37	18	8	172	19	532.07	-38.24	-19.01	38
18	5	16	19	258.80	57.06	30.62	34	18	6	127	19	143.25	36.99	171.24	37	18	8	175	19	532.07	-38.24	-19.01	38
18	5	19	19	295.25	48.75	17.68	34	18	6	130	19	146.09	47.21	179.94	38	18	8	178	19	532.07	-38.24	-19.01	38
18	5	22	19	333.24	33.48	9.02	34	18	6	133	19	157.29	56.25	166.89	38	18	8	181	19	532.07	-38.24	-19.01	38
18	5	25	19	371.52	20.82	2.76	34	18	6	136	19	176.03	62.88	146.95	38	18	8	184	19	532.07	-38.24	-19.01	38
18	5	28	19	408.84	2.14	20.03	34	18	6	139	19	201.19	65.19	120.13	38	18	8	187	19	532.07	-38.24	-19.01	38
18	5	31	19	444.03	10.26	6.28	34	18	6	142	19	231.56	62.24	94.31	38	18	8	190	19	532.07	-38.24	-19.01	38
18	5	34	19	475.96	0.58	10.05	34	18	6	145	19	268.28	56.53	72.36	36	18	8	193	19	532.07	-38.24	-19.01	38

18	19	52	19	472.76	1.39	151.95	52	18	22	43	19	229.44	62.59	46.34	56	19	1	37	19	147.47	27.83	-100.53	59
18	19	55	19	500.65	-8.18	155.64	52	18	22	46	19	263.42	56.08	65.18	56	19	1	40	19	142.95	38.55	-93.80	59
18	19	58	19	523.40	-17.60	159.50	52	18	22	49	19	300.05	47.60	77.43	56	19	1	95.669	147.20	48.65	48.65	-84.50	60
18	20	1	19	50.22	-26.82	163.83	52	18	22	52	19	338.03	38.26	85.70	56	19	1	43	19	159.68	57.43	-70.60	60
18	20	4	19	50.44	-37.79	169.01	52	18	22	55	19	376.10	28.57	91.74	56	19	1	46	19	179.50	63.54	-49.49	60
18	20	7	19	553.60	-44.37	175.67	53	18	22	58	19	413.04	18.78	96.52	56	19	1	52	19	205.54	65.07	-22.16	60
18	20	10	19	549.40	-52.31	175.22	53	18	23	1	19	447.69	9.02	100.59	56	19	1	55	19	236.54	61.43	12.91	60
18	20	13	19	537.80	-59.13	162.11	53	18	23	4	19	478.93	-0.66	104.34	56	19	1	58	19	271.19	54.36	31.10	60
18	20	16	19	518.98	-63.84	143.30	53	18	23	7	19	505.77	-10.20	108.05	56	19	2	1	19	308.21	45.63	38.77	60
18	20	19	19	492.41	-65.13	119.68	53	18	23	10	19	527.29	-19.58	111.98	56	19	2	4	19	346.29	36.18	38.77	60
18	20	22	19	461.83	-62.34	97.02	53	18	23	13	19	542.71	-28.76	116.45	56	19	2	7	19	384.19	26.45	44.47	60
18	20	25	19	425.29	-56.44	79.90	53	18	23	16	19	551.44	-37.66	121.89	56	19	2	10	19	420.70	16.66	49.05	60
18	20	28	19	385.13	-48.53	68.04	53	18	23	19	19	553.01	-46.13	128.97	57	19	2	13	19	454.66	6.91	53.03	60
18	20	31	19	342.94	-39.46	59.63	53	18	23	22	19	547.21	-53.89	138.79	57	19	2	16	19	485.00	-12.25	56.75	60
18	20	34	19	300.56	-28.66	53.28	53	18	23	25	19	534.03	-60.35	153.00	57	19	2	19	19	510.72	-21.59	64.51	60
18	20	37	19	259.92	-19.35	48.13	53	18	23	28	19	513.71	-64.45	173.09	57	19	2	22	19	530.94	-30.72	69.14	60
18	20	40	19	222.97	-8.69	43.60	53	18	23	31	19	486.77	-64.87	162.90	57	19	2	25	19	544.93	-39.54	74.87	60
18	20	43	19	191.54	2.22	39.28	53	18	23	34	19	454.04	-54.87	141.23	57	19	2	28	19	552.10	-47.89	82.43	61
18	20	46	19	167.16	13.25	34.82	53	18	23	37	19	416.61	-46.66	114.39	57	19	2	31	19	552.07	-55.43	93.05	61
18	20	49	19	150.94	24.29	29.79	53	18	23	40	19	375.89	-37.41	106.52	57	19	2	34	19	544.63	-61.49	108.47	61
18	20	52	19	143.50	35.13	23.61	53	18	23	43	19	333.53	-27.48	100.49	57	19	2	37	19	529.85	-64.89	129.77	61
18	20	55	19	144.91	45.48	15.31	54	19	0	7	19	291.38	-37.41	106.52	57	19	2	40	19	508.04	-64.42	153.84	61
18	20	58	19	154.78	54.79	3.19	54	19	0	10	19	251.40	-17.09	95.51	57	19	2	43	19	479.76	-35.24	174.35	61
18	21	1	19	172.32	61.97	15.37	54	19	0	13	19	177.01	63.07	48.23	58	19	3	4	19	208.25	-14.77	142.89	61
18	21	4	19	196.46	65.17	41.34	54	19	0	16	19	202.83	65.17	24.57	58	19	3	7	19	179.78	6.99	134.16	61
18	21	7	19	226.00	63.00	68.04	54	19	0	19	19	232.95	62.04	24.57	58	19	3	10	19	158.90	18.05	129.51	61
18	21	10	19	259.63	56.90	87.73	54	19	0	22	19	267.28	55.24	42.58	58	19	3	13	19	146.51	29.02	124.07	61
18	21	13	19	296.04	48.56	100.54	54	19	0	25	19	304.11	46.62	54.28	58	19	3	16	19	142.98	39.70	117.13	61
18	21	16	19	333.95	39.28	109.14	54	19	0	28	19	342.15	37.22	62.25	58	19	3	19	19	148.18	49.70	107.44	62
18	21	19	19	372.09	29.61	115.36	54	19	0	31	19	380.14	27.51	68.11	58	19	3	22	19	161.53	58.26	92.87	62
18	21	22	19	409.22	19.83	120.24	54	19	0	34	19	416.87	17.72	72.79	58	19	3	25	19	182.09	63.97	70.88	62
18	21	25	19	444.18	10.06	124.37	54	19	0	37	19	451.18	7.97	76.81	58	19	3	28	19	208.73	64.90	43.32	62
18	21	28	19	475.86	0.37	128.14	54	19	0	40	19	481.98	-11.70	80.55	58	19	3	31	19	240.19	60.79	19.21	62
18	21	31	19	503.23	-9.19	131.84	54	19	0	43	19	508.27	-11.22	84.26	58	19	3	34	19	275.17	53.46	-2.82	62
18	21	34	19	525.37	-18.59	135.74	54	19	0	46	19	534.86	-20.59	88.24	58	19	3	37	19	312.35	44.61	7.88	62
18	21	37	19	541.50	-27.79	140.13	54	19	0	49	19	562.58	-25.74	92.79	58	19	3	40	19	350.46	35.12	15.28	62
18	21	40	19	550.98	-36.72	145.44	54	19	0	52	19	589.14	-20.59	88.24	58	19	3	43	19	388.25	25.38	20.82	62
18	21	43	19	553.35	-45.25	152.30	55	19	0	55	19	616.87	-25.74	92.79	58	19	3	46	19	424.52	15.59	25.32	62
18	21	46	19	548.35	-53.10	161.75	55	19	0	58	19	643.31	-28.60	98.37	58	19	3	49	19	458.12	5.85	29.26	62
18	21	49	19	535.96	-59.75	175.40	55	19	0	61	19	670.81	-30.60	105.68	59	19	3	52	19	487.98	-3.79	32.96	62
18	21	52	19	516.39	-64.16	165.15	55	19	0	64	19	698.27	-34.67	115.89	59	19	3	55	19	513.12	-13.29	36.71	62
18	21	55	19	490.14	-65.03	141.29	55	19	0	67	19	726.81	-38.60	126.89	59	19	3	58	19	532.68	-22.61	40.79	62
18	21	58	19	457.98	-61.68	119.10	55	19	0	70	19	754.81	-42.01	137.60	59	19	3	61	19	545.93	-31.70	45.52	62
18	21	61	19	420.99	-55.67	102.61	55	19	0	73	19	783.31	-46.75	148.16	59	19	3	64	19	552.31	-40.48	51.40	62
18	22	1	19	380.54	-47.61	91.420	55	19	0	76	19	812.16	-50.05	163.41	59	19	3	67	19	558.20	-48.77	55.23	63
18	22	4	19	338.25	-38.44	83.07	55	19	0	79	19	841.16	-54.05	174.16	59	19	3	70	19	565.31	-56.19	59.47	63
18	22	7	19	295.97	-28.58	76.88	55	19	0	82	19	870.16	-57.88	186.16	59	19	3	73	19	572.62	-62.02	86.34	63
18	22	10	19	255.65	-18.23	71.82	55	19	0	85	19	900.14	-60.75	197.16	59	19	3	76	19	580.05	-65.04	108.21	63
18	22	13	19	215.23	-7.53	67.33	55	19	0	88	19	930.14	-63.81	208.16	59	19	3	79	19	588.20	-64.11	132.18	63
18	22	16	19	188.51	3.39	63.01	55	19	0	91	19	960.14	-66.75	219.16	59	19	3	82	19	596.31	-69.47	159.47	63
18	22	19	19	164.97	14.44	58.51	55	19	0	94	19	990.14	-69.75	230.16	59	19	3	85	19	604.42	-72.33	186.11	63
18	22	22	19	140.69	25.46	53.39	55	19	0	97	19	1020.14	-72.62	241.16	59	19	3	88	19	612.53	-75.23	212.88	63
18	22	25	19	114.69	36.27	47.04	55	19	0	100	19	1050.14	-75.51	252.16	59	19	3	91	19	620.64	-78.13	239.64	63
18	22	28	19	143.21	36.27	47.04	55	19	0	103	19	1080.14	-78.80	263.16	59	19	3	94	19	628.75	-81.03	266.35	63
18	22	31	19	145.57	46.54	38.43	56	19	0	106	19	1110.14	-81.70	274.16	59	19	3	97	19	636.86	-83.93	293.06	63
18	22	34	19	156.31	55.69	25.76	56	19	0	109	19	1140.14	-84.44	285.16	59	19	3	100	19	644.97	-86.83	321.77	63
18	22	37	19	174.62	62.54	6.37	56	19	0	112	19	1170.14	-87.14	296.16	59	19	3	103	19	653.08	-89.73	350.48	63
18	22	40	19	193.40	65.20	20.16	56	19	0	115	19	1200.14	-89.84	307.16	59	19	3	106	19	661.19	-92.63	379.19	63

19	4	28	19	361.62	-43.72	175.89	63	19	7	19	19	549.93	-50.51	12.97	67	19	10	10	19	439.75	11.22	-69.64	70
19	4	31	19	319.15	-34.21	-176.96	63	19	7	22	19	540.01	-57.66	24.98	67	19	10	13	19	471.73	1.51	-65.84	70
19	4	34	19	277.54	-23.11	-171.34	63	19	7	25	19	522.83	-62.99	42.36	67	19	10	16	19	499.52	-8.06	-62.14	70
19	4	37	19	238.76	-14.59	-166.58	63	19	7	28	19	498.77	-65.19	65.23	67	19	10	19	19	522.19	-17.49	-58.28	70
19	4	40	19	204.69	-2.78	-162.21	63	19	7	31	19	468.52	-63.36	88.74	67	19	10	22	19	538.93	-26.72	-53.97	70
19	4	43	19	177.02	8.21	-157.86	63	19	7	34	19	433.07	-58.05	107.27	67	19	10	25	19	549.10	-35.69	-48.79	70
19	4	46	19	157.06	19.27	-153.15	63	19	7	37	19	393.66	-50.50	120.21	67	19	10	28	19	552.22	-44.28	-42.15	70
19	4	49	19	145.65	30.23	-147.59	63	19	7	40	19	351.87	-41.65	129.28	67	19	10	31	19	548.01	-33.07	-33.07	70
19	4	52	19	143.12	40.85	-140.41	63	19	7	43	19	309.45	-31.99	136.02	67	19	10	34	19	536.41	-59.07	-20.00	70
19	4	55	19	149.27	50.73	-130.31	64	19	7	46	19	268.33	-21.78	141.39	67	19	10	37	19	517.61	-63.81	-1.23	70
19	4	58	19	163.47	59.07	-115.03	64	19	7	49	19	230.47	-11.19	146.03	67	19	10	40	19	492.08	-65.14	22.38	70
19	5	1	19	184.77	64.33	-92.17	64	19	7	52	19	197.74	-0.33	150.37	67	19	10	43	19	460.56	-62.42	45.10	70
19	5	4	19	212.01	64.67	-64.51	64	19	7	55	19	171.73	10.69	154.76	67	19	10	46	19	424.09	-56.49	62.27	70
19	5	7	19	243.92	60.10	-41.22	64	19	7	58	19	153.66	21.74	159.62	67	19	10	49	19	384.02	-48.59	74.17	70
19	5	10	19	279.20	52.54	-25.60	64	19	8	1	19	144.27	32.65	165.46	67	19	10	52	19	341.94	-39.52	82.60	70
19	5	13	19	316.54	43.59	-15.37	64	19	8	4	19	143.74	43.15	173.15	68	19	10	55	19	299.67	-29.71	88.95	70
19	5	16	19	354.66	34.05	-8.23	64	19	8	7	19	151.78	52.77	-175.82	68	19	10	58	19	259.15	-19.40	94.12	70
19	5	19	19	392.33	24.29	-2.83	64	19	8	10	19	157.68	60.59	-158.99	68	19	11	1	19	222.34	-8.74	98.65	70
19	5	22	19	428.34	14.51	1.58	64	19	8	13	19	190.43	64.88	-134.49	68	19	11	4	19	191.04	2.17	102.97	70
19	5	25	19	461.56	4.77	5.48	64	19	8	16	19	218.83	64.02	-107.03	68	19	11	7	19	166.78	13.21	107.43	70
19	5	28	19	490.93	-4.85	9.18	64	19	8	19	19	251.60	58.59	-85.49	68	19	11	10	19	150.68	24.24	112.46	70
19	5	31	19	515.47	-14.33	12.95	64	19	8	22	19	287.43	50.61	-71.32	68	19	11	13	19	143.33	35.09	118.63	70
19	5	34	19	534.35	-23.63	17.08	64	19	8	25	19	325.04	41.48	-61.94	68	19	11	16	19	144.82	45.44	126.91	70
19	5	37	19	546.84	-32.69	21.91	64	19	8	28	19	362.14	31.87	-55.28	68	19	11	19	19	154.75	54.76	139.02	70
19	5	40	19	552.43	-41.43	27.96	65	19	8	31	19	400.51	22.10	-50.16	68	19	11	22	19	172.32	176.32	157.54	70
19	5	43	19	550.74	-49.64	36.08	65	19	8	34	19	435.96	12.32	-45.90	68	19	11	25	19	196.46	65.17	-176.52	70
19	5	46	19	541.66	-56.93	47.59	65	19	8	37	19	468.37	2.61	-42.07	68	19	11	28	19	225.97	63.11	-149.80	70
19	5	49	19	525.27	-62.52	64.30	65	19	8	40	19	496.70	-6.99	-38.38	68	19	11	31	19	259.54	56.94	-130.08	70
19	5	52	19	501.96	-65.14	86.70	65	19	8	43	19	520.01	-16.43	-34.55	68	19	11	34	19	295.88	48.61	-117.24	70
19	5	55	19	472.37	-63.76	110.48	65	19	8	46	19	537.48	-30.30	-30.30	68	19	11	37	19	333.68	39.33	-102.62	70
19	5	58	19	431.43	-58.77	129.69	65	19	8	49	19	548.43	-34.69	-25.25	68	19	11	40	19	371.70	29.66	-108.39	70
19	6	1	19	398.39	-51.43	143.18	65	19	8	52	19	552.38	-43.33	-18.82	69	19	11	43	19	408.70	19.87	-97.51	70
19	6	4	19	356.77	-42.69	152.60	65	19	8	55	19	549.02	-51.38	-10.08	69	19	11	46	19	443.52	10.10	-93.38	70
19	6	7	19	314.31	-33.11	159.53	65	19	8	58	19	538.26	-58.38	2.45	69	19	11	49	19	475.06	0.41	-89.61	70
19	6	10	19	272.93	-22.95	165.53	65	19	9	1	19	520.27	-63.42	20.52	69	19	11	52	19	502.29	-9.15	-85.91	70
19	6	13	19	234.60	-12.39	169.72	65	19	9	4	19	495.47	-65.19	43.80	69	19	11	55	19	524.30	-18.55	-82.01	70
19	6	16	19	201.18	-1.56	174.07	65	19	9	7	19	464.59	-62.91	66.94	69	19	11	58	19	540.31	-27.76	-77.62	70
19	6	19	19	174.33	9.45	178.44	65	19	9	10	19	428.62	-57.28	84.80	69	19	12	1	19	549.68	-36.69	-72.31	70
19	6	22	19	155.31	20.50	-176.78	65	19	9	13	19	388.87	-49.56	97.21	69	19	12	4	19	551.96	-45.23	-65.45	70
19	6	25	19	144.91	31.43	-171.08	65	19	9	16	19	346.92	-40.59	105.95	69	19	12	7	19	546.89	-53.09	-56.00	70
19	6	28	19	143.37	42.00	-163.65	66	19	9	19	19	304.57	-30.86	112.49	69	19	12	10	19	534.44	-59.74	-42.35	70
19	6	31	19	150.47	51.76	-153.10	66	19	9	22	19	263.73	-20.60	117.76	69	19	12	13	19	514.84	-64.16	-22.89	70
19	6	34	19	165.52	59.84	-137.07	66	19	9	25	19	226.38	-9.97	122.34	69	19	12	16	19	488.58	-65.03	0.98	70
19	6	37	19	181.55	64.64	-113.37	66	19	9	28	19	194.35	0.91	126.66	69	19	12	19	19	456.43	-61.87	23.19	70
19	6	40	19	215.38	64.38	-85.74	66	19	9	31	19	169.21	11.94	131.09	69	19	12	22	19	379.10	-47.59	39.68	70
19	6	43	19	247.73	59.36	-63.31	66	19	9	34	19	152.12	22.99	136.03	69	19	12	25	19	336.92	-38.42	59.22	70
19	6	46	19	283.29	51.59	-48.43	66	19	9	37	19	143.74	33.86	142.03	69	19	12	28	19	336.92	-38.42	59.22	70
19	6	49	19	320.77	42.54	-38.64	66	19	9	40	19	144.22	44.30	150.01	70	19	12	31	19	294.76	-28.55	65.40	70
19	6	52	19	358.89	32.97	-31.75	66	19	9	43	19	153.21	53.77	161.55	70	19	12	34	19	254.59	-18.19	70.47	70
19	6	55	19	396.41	23.20	-26.49	66	19	9	46	19	169.95	61.29	179.21	70	19	12	37	19	218.33	-7.49	74.96	70
19	6	58	19	432.15	13.42	-22.16	66	19	9	49	19	193.40	65.06	-155.53	70	19	12	40	19	187.79	3.44	79.28	70
19	7	1	19	464.98	3.70	-18.30	66	19	9	52	19	222.36	63.60	-128.37	70	19	12	43	19	164.45	14.48	83.78	70
19	7	4	19	492.83	-5.91	-14.60	66	19	9	55	19	255.34	57.78	-107.74	70	19	12	46	19	145.35	25.50	88.91	70
19	7	7	19	517.77	-15.38	-10.80	66	19	9	58	19	291.63	49.62	-94.26	70	19	12	49	19	143.04	36.31	95.26	70
19	7	10	19	535.95	-24.65	-6.62	66	19	10	1	19	329.34	40.41	-85.27	70	19	12	52	19	145.54	46.58	103.88	70
19	7	13	19	547.68	-33.69	-1.68	66	19	10	4	19	367.41	30.77	-78.83	70	19	12	55	19	156.40	55.72	116.58	70
19	7	16	19	552.45	-42.36	4.56	67	19	10	7	19	404.60	20.99	-73.83	70	19	12	58	19	174.79	62.56	136.00	70

19	13	1	19	199.62	65.20	162.54	74	19	15	55	19	160.07	17.06	36.53	77	19	18	46	19	400.27	-52.06	-51.21	81
19	13	4	19	229.66	62.57	-171.30	74	19	15	58	19	147.02	28.05	41.87	77	19	18	49	19	358.87	-43.40	-41.54	81
19	13	7	19	263.61	56.06	-152.49	74	19	16	1	19	142.82	38.77	48.64	77	19	18	52	19	316.51	-23.74	-34.45	81
19	13	10	19	300.18	47.57	-140.26	74	19	16	4	19	147.35	48.84	58.01	78	19	18	55	19	275.10	-23.74	-28.87	81
19	13	13	19	338.06	38.23	-132.00	74	19	16	7	19	160.06	57.58	72.03	78	19	18	58	19	236.59	-13.21	-24.13	81
19	13	16	19	376.00	28.54	-125.97	74	19	16	10	19	180.07	63.82	92.30	78	19	19	1	19	202.88	-2.39	-19.76	81
19	13	19	19	412.80	18.75	-121.20	74	19	16	13	19	206.23	65.42	120.68	78	19	19	4	19	175.62	8.61	-15.40	81
19	13	22	19	447.28	8.98	-117.12	74	19	16	16	19	237.29	61.32	145.42	78	19	19	7	19	156.12	19.67	-10.67	81
19	13	25	19	478.35	-0.69	-113.37	74	19	16	19	19	271.95	54.70	162.46	78	19	19	10	19	145.17	30.62	-5.06	81
19	13	28	19	505.01	-10.24	-109.66	74	19	16	22	19	308.92	45.45	173.56	78	19	19	13	19	143.09	41.23	2.19	82
19	13	31	19	526.35	-19.62	-105.73	74	19	16	25	19	346.90	35.99	178.82	78	19	19	16	19	149.64	51.07	12.44	82
19	13	34	19	541.61	-28.80	-101.25	74	19	16	28	19	384.66	26.26	173.15	78	19	19	19	19	164.19	59.32	27.95	82
19	13	37	19	550.17	-37.70	-95.80	74	19	16	31	19	420.99	16.47	168.58	78	19	19	22	19	185.77	64.44	51.08	82
19	13	40	19	551.59	-46.18	-88.71	75	19	16	34	19	454.74	6.72	164.61	78	19	19	25	19	213.20	64.59	78.75	82
19	13	43	19	545.66	-53.93	-78.86	75	19	16	37	19	484.83	-2.93	160.89	78	19	19	28	19	245.23	59.87	101.76	82
19	13	46	19	532.36	-60.39	-64.60	75	19	16	40	19	510.29	-12.44	157.15	78	19	19	31	19	280.54	52.23	117.14	82
19	13	49	19	511.96	-64.47	-44.46	75	19	16	43	19	530.24	-21.78	153.12	78	19	19	34	19	317.84	43.25	127.23	82
19	13	52	19	484.97	-61.86	-20.43	75	19	16	46	19	543.96	-30.91	148.46	78	19	19	37	19	355.86	33.70	134.29	82
19	13	55	19	452.21	-64.80	1.22	75	19	16	49	19	550.85	-39.72	142.70	78	19	19	40	19	393.35	23.95	139.64	82
19	13	58	19	414.80	-54.80	17.04	75	19	16	52	19	550.55	-48.07	135.08	79	19	19	43	19	429.14	14.16	144.03	82
19	14	1	19	374.13	-46.58	27.98	75	19	16	55	19	542.87	-55.59	124.38	79	19	19	46	19	462.08	4.43	147.91	82
19	14	4	19	331.86	-37.31	35.83	75	19	16	58	19	527.87	-61.61	108.82	79	19	19	49	19	491.13	-5.19	151.61	82
19	14	7	19	289.85	-27.37	41.85	75	19	17	1	19	505.86	-64.93	87.37	79	19	19	52	19	515.33	-14.67	155.39	82
19	14	10	19	250.04	-16.97	46.82	75	19	17	4	19	477.44	-64.35	63.30	79	19	19	55	19	533.83	-23.97	159.54	82
19	14	13	19	214.38	-6.24	51.28	75	19	17	7	19	443.49	-59.98	42.93	79	19	19	58	19	545.95	-33.03	164.41	82
19	14	16	19	184.63	4.71	55.59	75	19	17	10	19	405.19	-53.00	28.41	79	19	20	1	19	551.14	-41.75	170.53	83
19	14	19	19	162.21	15.76	60.15	75	19	17	13	19	364.01	-44.48	18.33	79	19	20	4	19	549.08	-49.94	176.94	83
19	14	22	19	148.13	26.77	65.38	75	19	17	16	19	321.65	-35.03	11.01	79	19	20	7	19	539.63	-57.19	165.57	83
19	14	25	19	142.87	37.54	71.93	75	19	17	19	19	280.01	-24.97	-5.29	79	19	20	10	19	522.92	-62.69	152.61	83
19	14	28	19	146.38	47.72	80.91	76	19	17	22	19	241.04	-14.47	-0.47	79	19	20	13	19	499.32	-65.17	130.03	83
19	14	31	19	158.18	56.67	94.25	76	19	17	25	19	206.65	-3.68	3.91	79	19	20	16	19	469.50	-63.62	106.32	83
19	14	34	19	177.38	63.12	114.59	76	19	17	28	19	178.54	7.30	8.25	79	19	20	19	19	434.40	-58.51	87.35	83
19	14	37	19	202.88	65.16	141.61	76	19	17	31	19	158.04	18.36	12.92	79	19	20	22	19	395.29	-51.08	-74.06	83
19	14	40	19	233.84	61.97	167.11	76	19	17	34	19	146.04	29.33	18.39	79	19	20	25	19	353.68	-42.30	-64.77	83
19	14	43	19	267.75	55.14	174.98	76	19	17	37	19	142.89	40.00	25.39	79	19	20	28	19	311.34	-32.68	-57.90	83
19	14	46	19	304.52	46.52	163.33	76	19	17	40	19	148.43	49.96	35.19	80	19	20	31	19	270.19	-22.50	-52.45	83
19	14	49	19	342.47	37.11	155.40	76	19	17	43	19	162.07	58.47	49.93	80	19	20	34	19	232.18	-11.93	-47.78	83
19	14	52	19	380.33	27.40	149.55	76	19	17	46	19	182.86	64.07	72.14	80	19	20	37	19	199.18	-1.08	-43.43	83
19	14	55	19	416.90	17.61	144.89	76	19	17	49	19	209.67	64.85	99.73	80	19	20	40	19	172.81	9.94	-39.05	83
19	14	58	19	451.02	7.85	140.86	76	19	17	52	19	241.22	60.62	123.64	80	19	20	43	19	154.31	20.99	-34.24	83
19	15	1	19	481.61	-1.81	137.13	76	19	17	55	19	276.22	53.23	139.83	80	19	20	46	19	144.44	31.91	-28.49	83
19	15	4	19	507.68	-11.34	133.41	76	19	17	58	19	313.36	44.36	150.41	80	19	20	49	19	143.42	42.46	-20.96	84
19	15	7	19	528.33	-20.70	129.43	76	19	17	61	19	351.37	34.85	157.74	80	19	20	52	19	150.98	52.16	-10.23	84
19	15	10	19	542.83	-29.85	124.87	76	19	18	1	19	389.00	25.11	163.25	80	19	20	55	19	166.14	60.14	6.11	84
19	15	13	19	550.56	-38.71	119.27	76	19	18	4	19	425.07	15.32	167.73	80	19	20	58	19	188.78	64.75	30.13	84
19	15	16	19	551.13	-47.12	111.92	77	19	18	7	19	458.42	5.58	171.65	80	19	21	1	19	216.83	64.25	57.71	84
19	15	19	19	544.32	-54.72	101.66	77	19	18	10	19	488.01	-4.06	175.36	80	19	21	4	19	249.32	59.07	94.39	84
19	15	22	19	530.17	-61.01	86.76	77	19	18	13	19	512.84	-13.55	179.12	80	19	21	7	19	284.93	51.21	104.01	84
19	15	25	19	508.97	-64.72	65.96	77	19	18	16	19	532.08	-22.87	176.80	80	19	21	10	19	322.37	42.13	110.81	84
19	15	28	19	481.26	-64.65	41.86	77	19	18	19	19	545.00	-31.96	172.04	80	19	21	13	19	360.37	32.54	116.02	84
19	15	31	19	447.90	-60.65	20.82	77	19	18	22	19	551.05	-40.74	166.10	81	19	21	16	19	397.71	22.77	124.17	84
19	15	34	19	410.03	-53.92	-5.66	77	19	18	25	19	549.87	-45.01	158.20	81	19	21	19	19	433.20	12.99	120.32	84
19	15	37	19	369.09	-45.54	4.84	77	19	18	28	19	541.31	-56.40	147.01	81	19	21	22	19	465.72	3.27	124.17	84
19	15	40	19	326.77	-36.18	12.42	77	19	18	31	19	541.31	-56.40	147.01	81	19	21	25	19	494.22	-6.34	127.87	84
19	15	43	19	284.93	-28.67	18.28	77	19	18	34	19	525.45	-62.17	130.77	81	19	21	28	19	517.75	-15.75	131.68	84
19	15	46	19	245.53	-15.73	23.18	77	19	18	37	19	502.65	-62.65	108.73	81	19	21	31	19	535.51	-25.06	135.89	84
19	15	49	19	210.49	-4.96	27.59	77	19	18	40	19	473.52	-64.01	84.79	81	19	21	34	19	546.81	-34.09	140.87	84
19	15	52	19	181.54	6.00	31.92	77	19	18	43	19	438.99	-59.26	65.10	81	19	21	37	19				

19	21	37	19	551.13	-42.77	147.19	85	20	0	28	19	406.43	20.41	68.75	88	20	3	19	19	176.57	62.94	-79.85	92
19	21	40	19	548.17	-50.87	155.74	85	20	0	31	19	441.27	10.63	72.91	88	20	3	22	19	201.86	65.18	-52.99	92
19	21	43	19	537.84	-57.96	167.97	85	20	0	34	19	472.87	0.93	76.70	88	20	3	25	19	232.23	62.18	-27.25	92
19	21	46	19	520.27	-63.18	-174.35	85	20	0	37	19	500.21	-8.64	80.40	88	20	3	28	19	266.38	55.46	-9.04	92
19	21	49	19	495.88	-65.20	-151.28	85	20	0	40	19	522.39	-18.05	84.28	88	20	3	31	19	303.01	46.88	2.80	92
19	21	52	19	465.36	-63.17	-127.91	85	20	0	43	19	538.61	-27.27	88.64	88	20	3	34	19	340.84	37.50	10.85	92
19	21	55	19	429.72	-57.71	-109.66	85	20	0	46	19	548.22	-36.23	93.89	88	20	3	37	19	378.61	27.79	16.76	92
19	21	58	19	390.23	-50.09	-96.95	85	20	0	49	19	550.78	-44.79	100.65	89	20	3	40	19	415.13	18.00	21.46	92
19	22	1	19	348.45	-41.18	-88.02	85	20	0	52	19	546.02	-52.71	109.93	89	20	3	43	19	449.24	8.24	25.50	92
19	22	4	19	306.16	-81.37	-81.37	85	20	0	55	19	533.89	-59.44	123.33	89	20	3	46	19	479.85	-1.43	29.24	92
19	22	7	19	265.30	-21.25	-76.04	85	20	0	58	19	514.61	-64.01	142.49	89	20	3	49	19	505.98	-10.97	32.96	92
19	22	10	19	227.81	-10.63	-71.43	85	20	1	1	19	488.65	-65.08	166.27	89	20	3	52	19	526.72	-20.34	36.92	92
19	22	13	19	195.55	0.24	-67.10	85	20	1	4	19	456.79	-62.11	171.28	89	20	3	55	19	541.34	-29.50	41.46	92
19	22	16	19	170.09	11.27	-62.69	85	20	1	7	19	420.09	-56.02	154.49	89	20	3	58	19	549.23	-38.38	47.01	92
19	22	19	19	152.61	22.32	-57.80	85	20	1	10	19	379.91	-48.01	142.87	89	20	4	1	19	549.98	-46.81	54.28	93
19	22	22	19	143.82	33.21	-51.88	85	20	1	13	19	337.86	-38.88	134.61	89	20	4	4	19	543.38	-54.50	64.41	93
PERIOD	95.634							PERIOD	95.629							20	4	7	19	529.45	-60.82	79.11	93
19	22	25	19	143.87	43.68	-44.06	86	20	1	16	19	295.77	-29.03	128.35	89	20	4	10	19	508.46	-64.65	99.72	93
19	22	28	19	152.44	53.24	-32.80	86	20	1	19	255.58	-18.69	118.73	89	20	4	13	19	480.97	-64.71	123.82	93	
19	22	31	19	168.79	60.92	-15.59	86	20	1	22	19	219.23	-8.00	114.41	89	20	4	16	19	447.81	-60.85	145.06	93
19	22	34	19	191.89	64.97	9.27	86	20	1	25	19	188.53	2.92	109.93	89	20	4	19	410.13	-54.18	160.42	93	
19	22	37	19	220.55	63.83	36.60	86	20	1	28	19	164.96	13.96	104.84	89	20	4	22	19	369.34	-45.84	171.06	93
19	22	40	19	253.47	58.22	57.72	86	20	1	31	19	149.59	24.99	98.56	89	20	4	25	19	327.12	-26.50	178.72	93
19	22	43	19	289.37	50.16	71.57	86	20	1	34	19	142.99	35.82	90.08	90	20	4	28	19	285.35	-26.52	175.37	93
19	22	46	19	326.93	40.99	80.77	86	20	1	37	19	145.19	46.12	90.08	90	20	4	31	19	245.96	-16.08	170.45	93
19	22	49	19	364.91	31.57	87.32	86	20	1	40	19	155.75	55.34	90.08	90	20	4	34	19	210.89	-5.32	166.03	93
19	22	52	19	402.07	21.59	92.39	86	20	1	43	19	173.86	62.32	90.08	90	20	4	37	19	181.86	5.64	161.70	93
19	22	55	19	437.24	11.81	96.62	86	20	1	46	19	198.44	65.20	90.08	90	20	4	40	19	160.27	16.70	157.11	93
19	22	58	19	469.31	2.11	100.43	86	20	1	49	19	228.25	62.80	90.08	90	20	4	43	19	147.07	21.70	151.80	93
19	23	1	19	497.24	-7.48	104.13	86	20	1	52	19	262.01	58.42	90.08	90	20	4	46	19	142.69	38.43	-145.09	93
19	23	4	19	520.11	-16.92	107.97	86	20	1	55	19	298.41	48.00	90.08	90	20	4	49	19	147.04	48.53	-135.83	94
19	23	7	19	537.10	-26.17	112.25	86	20	1	58	19	336.17	38.68	90.08	90	20	4	52	19	159.58	57.33	-122.00	94
19	23	10	19	547.56	-35.16	117.37	86	20	1	61	19	374.03	29.00	90.08	90	20	4	55	19	179.40	63.49	-100.99	94
19	23	13	19	551.01	-43.78	123.90	87	20	2	1	19	410.78	19.21	45.11	90	20	4	58	19	205.39	65.08	-73.70	94
19	23	16	19	547.15	-51.79	132.80	87	20	2	4	19	445.27	9.44	49.21	90	20	4	61	19	236.30	61.51	-48.74	94
19	23	19	19	535.92	-58.71	145.60	87	20	2	7	19	476.38	-9.24	52.97	90	20	4	64	19	270.82	54.47	-31.46	94
19	23	22	19	517.50	-63.62	164.02	87	20	2	10	19	503.13	-9.80	56.67	90	20	4	67	19	307.66	45.75	-20.22	94
19	23	25	19	492.32	-65.17	172.51	87	20	2	13	19	524.60	-19.19	60.59	90	20	4	70	19	345.54	36.31	-12.51	94
19	23	28	19	461.13	-62.67	149.56	87	20	2	16	19	540.02	-28.39	65.04	90	20	4	73	19	383.21	26.58	-6.79	94
19	23	31	19	424.95	-56.88	132.04	87	20	2	19	19	548.78	-37.30	70.43	90	20	4	76	19	419.47	16.79	-2.19	94
19	23	34	19	385.10	-49.06	119.89	87	20	2	22	19	550.44	-45.81	77.44	91	20	4	79	19	453.19	7.04	1.79	94
19	23	37	19	343.17	-40.04	111.30	87	20	2	25	19	544.76	-53.61	87.13	91	20	4	82	19	483.28	-2.62	5.51	94
19	23	40	19	300.97	-30.26	104.85	87	20	2	28	19	531.73	-60.15	101.16	91	20	4	85	19	508.76	-12.14	9.25	94
19	23	43	19	260.43	-19.98	99.84	87	20	2	31	19	511.59	-64.36	121.06	91	20	4	88	19	528.77	-21.49	13.27	94
19	23	46	19	223.50	-9.32	95.08	87	20	2	34	19	484.87	-64.93	145.05	91	20	4	91	19	542.56	-30.62	17.90	94
19	23	49	19	192.00	1.58	90.76	87	20	2	37	19	452.35	-61.50	166.93	91	20	4	94	19	549.57	-39.46	23.62	94
19	23	52	19	167.47	12.61	86.31	87	20	2	40	19	415.15	-55.12	177.00	91	20	4	97	19	549.50	-47.82	31.17	95
19	23	55	19	151.04	23.65	81.33	87	20	2	43	19	374.65	-46.94	165.88	91	20	4	100	19	541.87	-55.38	41.76	95
19	23	58	19	143.34	34.51	75.24	87	20	2	46	19	346.51	-37.70	157.93	91	20	4	103	19	527.04	-61.46	57.16	95
PERIOD	95.632							PERIOD	95.626							20	4	106	19	505.20	-64.88	78.46	95
20	0	1	19	144.47	44.90	-67.10	88	20	2	49	19	290.56	-27.78	146.85	91	20	4	109	19	476.95	-64.43	102.56	95
20	0	4	19	154.03	54.30	-55.27	88	20	2	52	19	250.75	-17.39	142.38	91	20	4	112	19	443.17	-60.14	123.11	95
20	0	7	19	171.27	61.64	-37.16	88	20	2	55	19	185.15	6.67	138.06	91	20	4	115	19	405.02	-53.22	137.79	95
2																							

20	6	13	19	178.67	7.02	174.67	95	20	9	4	19	432.58	-58.60	78.98	99	20	11	55	19	546.42	-35.14	-76.10	102
20	6	16	19	158.10	18.08	179.32	95	20	9	7	19	394.56	-51.19	92.34	99	20	11	58	19	549.78	-3.76	-69.57	103
20	6	19	19	146.01	29.06	-175.23	95	20	9	10	19	353.66	-42.42	101.67	99	20	12	1	19	545.85	-51.78	-60.67	103
20	6	22	19	142.75	39.74	-168.28	95	20	9	13	19	310.82	-32.80	108.56	99	20	12	4	19	534.57	-58.71	-47.87	103
PERIOD	95.621							20	9	16	19	269.76	-22.62	114.03	99	20	12	7	19	516.11	-63.62	-29.45	103
20	6	25	19	148.18	49.72	-158.58	96	20	9	19	19	231.84	-12.05	118.71	99	20	12	10	19	490.93	-65.17	-5.97	103
20	6	28	19	161.68	58.28	-144.00	96	20	9	22	19	198.51	-1.20	123.06	99	20	12	13	19	459.75	-82.67	17.00	103
20	6	31	19	182.35	63.98	-121.99	96	20	9	25	19	172.60	9.82	127.44	99	20	12	16	19	423.60	-36.88	34.52	103
20	6	34	19	206.03	64.90	-94.44	96	20	9	28	19	154.65	20.87	132.42	99	20	12	19	19	383.81	-49.05	46.68	103
20	6	37	19	240.45	68.77	-70.34	96	20	9	31	19	144.30	31.80	137.98	99	20	12	22	19	341.97	-40.02	55.26	103
PERIOD	95.615							20	9	34	19	143.30	42.35	145.48	100	20	12	25	19	299.87	-30.24	61.71	103
20	6	40	19	275.33	53.44	-43.97	96	20	9	37	19	150.86	52.06	156.17	100	20	12	28	19	259.46	-19.95	66.92	103
20	6	43	19	312.36	44.60	-53.28	96	20	9	40	19	166.29	60.07	172.43	100	20	12	31	19	222.68	-9.29	71.48	103
20	6	46	19	350.26	35.10	-35.89	96	20	9	43	19	188.59	64.72	-163.63	100	20	12	34	19	191.34	1.61	75.80	103
20	6	49	19	387.91	25.36	-30.35	96	20	9	46	19	216.59	64.28	-136.04	100	20	12	37	19	166.58	12.65	80.25	103
20	6	52	19	423.80	19.57	-25.85	96	20	9	49	19	249.61	59.14	-113.87	100	20	12	40	19	150.71	23.69	85.24	103
20	6	55	19	457.10	5.82	-21.92	96	20	9	52	19	284.53	51.31	-99.21	100	20	12	43	19	143.17	34.55	91.34	103
20	6	58	19	486.65	-3.82	-18.21	96	20	9	55	19	321.88	42.24	-89.54	100	20	12	46	19	144.43	44.94	99.48	104
20	7	1	19	511.47	-13.32	-14.45	96	20	9	58	19	359.79	32.65	-82.72	100	20	12	49	19	154.10	54.33	111.34	104
20	7	4	19	530.72	-22.64	-10.38	96	20	9	61	19	397.02	22.89	-77.50	100	20	12	52	19	171.41	61.66	129.47	104
20	7	7	19	543.68	0.26	-5.84	96	20	10	1	19	432.40	13.10	-73.18	100	20	12	55	19	195.30	65.13	155.12	104
20	7	10	19	549.80	-40.53	8.12	97	20	10	4	19	464.82	3.38	-69.33	100	20	12	58	19	224.55	63.34	-177.96	104
20	7	13	19	548.70	-56.24	19.21	97	20	10	7	19	493.22	-6.23	-65.63	100	20	12	61	19	257.88	57.32	-157.84	104
20	7	16	19	540.24	-62.06	35.33	97	20	10	10	19	516.88	-15.69	-61.83	100	20	12	64	19	292.98	49.06	-144.72	104
20	7	19	19	524.50	-65.05	57.28	97	20	10	13	19	534.37	-24.97	-57.62	100	20	12	67	19	331.57	39.81	-135.94	104
20	7	22	19	501.82	-65.05	81.26	97	20	10	16	19	545.62	-34.00	-52.64	100	20	12	70	19	369.39	30.16	-129.62	104
20	7	25	19	478.42	-64.38	101.08	97	20	10	19	19	549.91	-46.34	-46.34	101	20	12	73	19	406.23	20.38	-124.69	104
20	7	28	19	438.82	-59.30	115.09	97	20	10	22	19	546.93	-50.80	-37.81	101	20	12	76	19	440.92	13.60	-120.52	104
20	7	31	19	393.83	-52.22	124.83	97	20	10	25	19	536.59	-57.91	-25.61	101	20	12	79	19	472.37	0.90	-116.74	104
20	7	34	19	358.54	-34.58	131.97	97	20	10	28	19	519.04	-63.15	-7.97	101	20	12	82	19	499.56	-8.67	-113.04	104
20	7	37	19	316.28	-34.05	137.57	97	20	10	31	19	494.68	-65.20	15.08	101	20	12	85	19	521.58	-18.09	-109.16	104
20	7	40	19	274.95	-23.94	142.32	97	20	10	34	19	464.22	-63.20	38.49	101	20	12	88	19	537.64	-27.31	-104.79	104
20	7	43	19	230.50	-13.40	146.69	97	20	10	37	19	428.64	-57.76	56.79	101	20	12	91	19	547.11	-36.27	-99.54	104
20	7	46	19	202.82	-2.58	146.69	97	20	10	40	19	389.22	-50.13	69.53	101	20	12	94	19	549.53	-44.84	-92.76	105
20	7	49	19	175.58	151.05	155.77	97	20	10	43	19	347.54	-41.23	85.14	101	20	12	97	19	532.41	-52.75	-83.46	105
20	7	52	19	156.06	19.47	155.77	97	20	10	46	19	305.35	-31.53	90.48	101	20	12	100	19	534.64	-59.48	-70.02	105
20	7	55	19	145.09	30.43	161.36	97	20	10	49	19	284.60	-21.29	90.48	101	20	12	103	19	532.41	-59.48	-70.02	105
PERIOD	95.618							20	10	52	19	264.60	-21.29	90.48	101	20	12	106	19	532.41	-59.48	-70.02	105
20	7	58	19	142.95	41.04	168.57	98	20	10	55	19	227.23	-10.68	95.10	101	20	12	109	19	532.41	-59.48	-70.02	105
20	8	1	19	149.45	50.90	178.75	98	20	10	58	19	195.08	0.20	99.43	101	20	12	112	19	532.41	-59.48	-70.02	105
20	8	4	19	162.92	59.20	-165.85	98	20	10	61	19	169.73	11.23	103.84	101	20	12	115	19	532.41	-59.48	-70.02	105
20	8	7	19	185.41	64.39	-142.87	98	20	10	64	19	152.36	22.28	108.73	101	20	12	118	19	532.41	-59.48	-70.02	105
20	8	10	19	212.76	64.63	-115.21	98	20	10	67	19	143.66	33.17	114.64	101	20	12	121	19	532.41	-59.48	-70.02	105
20	8	13	19	244.69	59.98	-92.05	98	20	10	70	19	143.66	33.17	114.64	101	20	12	124	19	532.41	-59.48	-70.02	105
20	8	16	19	279.90	52.39	-66.55	98	20	10	73	19	143.66	33.17	114.64	101	20	12	127	19	532.41	-59.48	-70.02	105
20	8	19	19	317.10	43.43	-66.55	98	20	10	76	19	143.66	33.17	114.64	101	20	12	130	19	532.41	-59.48	-70.02	105
20	8	22	19	355.01	33.88	-59.29	98	20	10	79	19	143.66	33.17	114.64	101	20	12	133	19	532.41	-59.48	-70.02	105
20	8	25	19	392.41	24.13	-53.92	98	20	10	82	19	143.66	33.17	114.64	101	20	12	136	19	532.41	-59.48	-70.02	105
20	8	28	19	428.11	14.33	-49.52	98	20	10	85	19	143.66	33.17	114.64	101	20	12	139	19	532.41	-59.48	-70.02	105
20	8	31	19	460.98	4.60	-45.62	98	20	10	88	19	143.66	33.17	114.64	101	20	12	142	19	532.41	-59.48	-70.02	105
20	8	34	19	489.97	-5.02	-41.92	98	20	10	91	19	143.66	33.17	114.64	101	20	12	145	19	532.41	-59.48	-70.02	105
20	8	37	19	514.12	-14.50	-38.14	98	20	10	94	19	143.66	33.17	114.64	101	20	12	148	19	532.41	-59.48	-70.02	105
20	8	40	19	532.59	-23.81	-34.01	98	20	10	97	19	143.66	33.17	114.64	101	20	12	151	19	532.41	-59.48	-70.02	105
20	8	43	19	549.70	-32.87	-29.15	98	20	10	100	19	143.66	33.17	114.64	101	20	12	154	19	532.41	-59.48	-70.02	105
20	8	46	19	549.91	-41.61	-23.06	99	20	10	103	19	143.66	33.17	114.64	101	20	12	157	19	532.41	-59.48	-70.02	105
20	8	49	19	547.88	-49.82	-14.88	99	20	10	106	19	143.66	33.17	114.64	101	20	12	160	19	532.41	-59.48	-70.02	105
20	8	52	19	538.48	-57.09	-3.25	99	20	10	109	19	143.66	33.17	114.64	101	20	12	163	19	532.41	-59.48	-70.02	105
20	8	55	19	521.83	-62.63	13.62	99	20	10	112	19	143.66	33.17	114.64	101	20	12	166	19	532.41	-59.48	-70.02	105
20	8	58	19	498.31	-65.16	36.16	99	20	10	115	19	143.66	33.17	114.64	101	20	12	169	19	532.41	-59.48	-70.02	105
20	9	1	19	468.58	-63.67	59.91	99	20	10	118	19	143.66	33.17	114.64	101	20	12	172	19	532.41	-59.48	-70.02	105

20	14	46	19	374.21	28.90	-153.10	106	20	17	37	19	160.04	57.53	45.00	110	20	20	31	19	201.01	-2.15	-46.56	113
20	14	49	19	410.82	19.11	-148.29	106	20	17	40	19	180.07	63.59	66.21	110	20	20	34	19	174.19	8.85	-42.20	113
20	14	52	19	445.14	9.34	-144.20	106	20	17	43	19	206.21	65.05	93.56	110	20	20	37	19	155.13	19.91	-37.45	113
20	14	55	19	476.07	-0.35	-140.44	106	20	17	46	19	237.21	61.27	118.35	110	20	20	40	19	144.63	30.86	-31.82	113
20	14	58	19	502.62	-9.90	-136.73	106	20	17	49	19	271.76	54.27	135.44	110	20	20	43	19	129.96	41.45	-24.51	114
20	15	1	19	523.89	-19.40	-132.80	106	20	17	52	19	308.56	45.52	146.57	110	20	20	46	19	149.87	51.27	-14.18	114
20	15	4	19	539.12	-28.49	-128.35	106	20	17	55	19	346.35	36.07	154.22	110	20	20	49	19	164.71	59.48	1.47	114
20	15	7	19	549.15	-37.91	-122.94	106	20	17	58	19	383.89	26.34	159.90	110	20	20	52	19	186.49	64.50	24.77	114
20	15	10	19	549.15	-45.91	-115.91	107	20	18	1	19	419.97	16.55	164.48	110	20	20	55	19	164.49	64.50	24.77	114
20	15	13	19	543.30	-53.71	-106.16	107	20	18	4	19	453.47	6.79	168.45	110	20	20	58	19	214.04	64.53	52.42	114
20	15	16	19	530.12	-60.22	-92.05	107	20	18	7	19	483.32	-2.86	172.17	110	20	20	61	19	246.10	59.73	75.27	114
20	15	19	19	509.86	-64.39	-72.07	107	20	18	10	19	508.53	-12.38	175.91	110	20	20	64	19	281.36	52.06	90.50	114
20	15	22	19	483.04	-64.90	-48.04	107	20	18	13	19	528.25	-21.73	179.94	110	20	20	67	19	318.53	43.06	107.52	114
20	15	25	19	450.47	-61.43	-26.23	107	20	18	16	19	541.76	-30.66	175.40	110	20	20	70	19	356.34	33.50	107.52	114
20	15	28	19	413.25	-55.00	-10.23	107	20	18	19	19	548.47	-39.88	169.64	110	20	20	73	19	393.58	23.74	112.85	114
20	15	31	19	372.78	-46.80	0.82	107	20	18	22	19	548.01	-48.04	162.02	111	20	20	76	19	429.05	13.95	117.22	114
20	15	34	19	330.72	-37.54	8.74	107	20	18	25	19	540.21	-55.57	151.32	111	20	20	79	19	461.65	4.22	121.10	114
20	15	37	19	288.90	-27.61	14.80	107	20	18	28	19	525.13	-61.60	135.75	111	20	20	82	19	490.32	-5.40	124.80	114
20	15	40	19	249.27	-17.21	19.80	107	20	18	31	19	503.08	-64.92	114.29	111	20	20	85	19	514.12	-14.88	128.59	114
20	15	43	19	213.77	-6.48	24.26	107	20	18	34	19	474.65	-64.92	90.19	111	20	20	88	19	532.23	-24.17	132.75	114
20	15	46	19	184.15	4.47	28.58	107	20	18	37	19	440.75	-59.97	69.80	111	20	20	91	19	543.94	-33.24	137.65	114
20	15	49	19	161.84	15.53	33.12	107	20	18	40	19	402.54	-52.98	55.28	111	20	20	94	19	548.76	-41.96	143.81	115
20	15	52	19	147.84	26.54	38.33	107	20	18	43	19	361.50	-44.45	45.21	111	20	20	97	19	546.33	-50.14	152.10	115
20	15	55	19	142.62	37.31	44.85	107	20	18	46	19	319.34	-34.98	37.88	111	20	20	100	19	536.56	-57.36	163.92	115
20	15	58	19	146.15	47.51	53.76	108	20	18	49	19	277.69	-24.91	32.16	111	20	20	103	19	519.57	-62.81	178.94	115
20	15	61	19	157.92	56.49	66.98	108	20	18	52	19	239.25	-14.41	27.35	111	20	20	106	19	495.75	-65.18	186.21	115
20	15	64	19	177.06	63.02	87.14	108	20	18	55	19	205.18	-3.61	22.96	111	20	20	109	19	465.77	-63.51	193.74	115
20	15	67	19	202.46	65.17	114.07	108	20	18	58	19	171.39	7.38	18.62	111	20	20	112	19	430.60	-58.31	200.59	115
20	15	70	19	232.89	62.59	139.70	108	20	19	1	19	157.23	18.44	13.94	111	20	20	115	19	391.50	-50.82	213.74	115
20	15	73	19	267.06	55.32	167.78	108	20	19	4	19	145.55	29.41	8.46	111	20	20	118	19	350.01	-42.00	227.15	115
20	15	76	19	303.65	46.72	189.53	108	20	19	7	19	142.69	40.08	1.45	111	20	20	121	19	315.57	-62.81	241.57	115
20	15	79	19	341.39	37.33	177.53	108	20	19	10	19	148.48	50.03	8.37	112	20	20	124	19	267.05	-62.81	259.45	115
20	15	82	19	379.04	27.62	176.59	108	20	19	13	19	162.30	58.52	23.16	112	20	20	127	19	229.45	-62.81	277.11	115
20	15	85	19	415.40	17.83	171.90	108	20	19	16	19	183.22	64.09	45.42	112	20	20	130	19	192.93	-62.81	295.45	115
20	15	88	19	449.32	8.07	167.87	108	20	19	19	19	210.07	64.84	73.02	112	20	20	133	19	171.11	-62.81	313.74	115
20	15	91	19	479.72	-1.60	164.14	108	20	19	22	19	241.61	60.58	96.87	112	20	20	136	19	153.18	-62.81	331.88	115
20	15	94	19	505.61	-11.14	160.41	108	20	19	25	19	276.52	53.18	113.02	112	20	20	139	19	143.88	-62.81	350.01	115
20	15	97	19	526.12	-20.51	156.44	108	20	19	28	19	313.52	44.30	123.56	112	20	20	142	19	143.39	-62.81	368.39	116
20	15	100	19	545.49	-29.67	151.89	108	20	19	31	19	351.34	34.79	130.88	112	20	20	145	19	151.42	-62.81	386.77	116
20	15	103	19	548.14	-38.55	146.31	108	20	19	34	19	383.73	25.05	136.38	112	20	20	148	19	167.26	-62.81	405.15	116
20	15	106	19	548.65	-46.97	138.99	109	20	19	37	19	424.52	15.25	140.85	112	20	20	151	19	182.88	-62.81	423.53	116
20	15	109	19	541.83	-54.65	128.79	109	20	19	40	19	457.58	5.51	144.78	112	20	20	154	19	198.93	-62.81	441.91	116
20	15	112	19	527.69	-60.93	113.97	109	20	19	43	19	486.85	-4.13	148.48	112	20	20	157	19	216.12	-62.81	460.29	116
20	15	115	19	506.54	-64.69	93.22	109	20	19	46	19	511.37	-13.63	152.24	112	20	20	160	19	234.57	-62.81	478.67	116
20	15	118	19	478.91	-64.66	69.10	109	20	19	49	19	530.29	-22.95	156.34	112	20	20	163	19	252.95	-62.81	497.05	116
20	15	121	19	445.66	-60.72	47.97	109	20	19	52	19	545.91	-32.05	161.11	112	20	20	166	19	271.37	-62.81	515.43	116
20	15	124	19	407.94	-54.01	32.72	109	20	19	55	19	548.68	-40.82	167.06	113	20	20	169	19	290.79	-62.81	533.81	116
20	15	127	19	367.17	-45.64	22.17	109	20	19	58	19	547.24	-49.09	175.01	113	20	20	172	19	309.11	-62.81	552.19	116
20	15	130	19	325.04	-36.27	14.56	109	20	19	61	19	543.46	-56.48	173.75	113	20	20	175	19	328.43	-62.81	570.57	116
20	15	133	19	283.41	-26.27	8.68	109	20	19	64	19	522.42	-62.23	157.41	113	20	20	178	19	347.72	-62.81	588.95	116
20	15	136	19	244.24	-15.82	-3.77	109	20	19	67	19	490.28	-63.09	135.28	113	20	20	181	19	367.05	-62.81	607.33	116
20	15	139	19	209.43	-5.05	0.65	109	20	19	70	19	470.28	-63.09	111.34	113	20	20	184	19	386.37	-62.81	625.71	116
20	15	142	19	180.72	5.92	4.98	109	20	19	73	19	437.73	-59.16	91.72	113	20	20	187	19	405.70	-62.81	644.09	116
20	15	145	19	159.47	16.98	9.58	109	20	19	76	19	397.06	-51.92	77.90	113	20	20	190	19	425.08	-62.81	662.81	116
20	15	148	19	146.62	27.97	14.92	109	20	19	79	19	355.78	-43.23	68.28	113	20	20	193	19	444.37	-62.81	681.53	116
20	15	151	19	129.27	38.70	21.88	109	20	19	82	19	313.62	-33.67	61.22	113	20	20	196	19	463.66	-62.81	700.25	116
20	15	154	19	142.58	48.78	31.02	110	20	19	85	19	272.48	-23.63	55.66	113	20	20	199	19	482.95	-62.81	718.97	116
20	15	157	19	147.24	48.78	31.02	110	20	19	88	19	234.32	-12.99	50.92	113	20	20	202	19	502.24	-62.81	737.69	116

20	23	22	19	461.15	-62.99	-153.85	117	537.39	-27.88	62.10	120	21	5	4	19	344.12	36.61	-15.37	124
20	23	25	19	425.37	-57.41	-135.84	117	546.31	-36.82	67.43	120	21	5	7	19	381.60	26.89	-9.60	124
20	23	28	19	385.86	-49.70	-123.33	117	548.19	-45.36	74.33	121	21	5	10	19	417.69	17.09	-4.98	124
20	23	31	19	344.19	-40.74	-114.53	117	542.76	-53.82	83.85	121	21	5	13	19	451.24	7.34	-0.98	124
20	23	34	19	302.14	-31.00	-107.96	117	530.61	-59.85	97.62	121	21	5	16	19	481.19	-2.53	2.75	124
20	23	37	19	261.64	-20.73	-102.67	117	510.17	-64.22	117.23	121	21	5	19	19	506.57	-11.82	6.48	124
20	23	40	19	224.63	-10.10	-98.08	117	483.75	-65.00	141.17	121	21	5	22	19	526.50	-21.48	10.49	124
20	23	43	19	182.95	5.79	-93.75	117	451.53	-61.75	163.31	121	21	5	25	19	540.25	-30.36	15.10	124
20	23	46	19	168.15	11.83	-89.33	117	414.62	-55.47	179.69	121	21	5	28	19	547.25	-39.21	20.79	124
20	23	49	19	151.38	22.87	-84.40	117	374.37	-47.36	188.99	121	21	5	31	19	547.11	-47.60	28.28	125
20	23	52	19	143.28	33.76	-78.41	117	332.43	-38.15	160.92	121	21	5	34	19	532.90	-55.20	38.79	125
20	23	55	19	143.98	44.19	-70.46	118	290.63	-28.25	154.77	121	21	5	37	19	524.60	-61.33	54.05	125
20	23	58	19	132.12	53.68	-58.96	118	250.93	-17.87	145.72	121	21	5	40	19	503.18	-75.24	75.24	125
20	23	61	19	169.95	61.22	-41.39	118	215.24	-7.75	145.24	121	21	5	43	19	475.07	-64.48	99.38	125
20	23	64	19	193.41	65.05	-16.20	118	185.53	3.79	140.92	121	21	5	46	19	441.45	-60.27	120.08	125
20	23	67	19	222.30	63.64	10.98	118	162.65	14.84	136.40	121	21	5	49	19	403.47	-53.38	134.89	125
20	23	70	19	255.33	57.87	31.69	118	142.57	25.86	131.24	121	21	5	52	19	362.61	-44.91	145.15	125
20	23	73	19	291.22	40.73	54.25	118	145.65	46.91	116.11	122	21	5	55	19	320.54	-35.48	152.58	125
20	23	76	19	328.66	40.53	54.27	118	157.00	55.99	103.24	122	21	5	58	19	279.16	-25.42	158.36	125
20	23	79	19	366.41	30.89	60.73	118	175.75	62.72	83.57	122	21	6	1	19	208.17	-4.15	167.61	125
20	23	82	19	403.26	21.11	65.74	118	200.82	65.20	56.90	122	21	6	4	19	178.17	6.84	171.95	125
20	23	85	19	438.03	11.33	69.95	118	230.96	62.41	30.91	122	21	6	10	19	157.73	17.90	176.60	125
20	23	88	19	469.64	1.62	73.75	118	264.89	55.81	12.36	122	21	6	13	19	145.73	28.88	177.98	125
20	23	91	19	497.05	-7.96	77.45	118	301.31	47.29	12.36	122	21	6	16	19	142.53	39.45	171.96	125
20	23	94	19	519.36	-17.40	81.31	118	338.94	37.93	7.88	122	21	6	19	19	147.99	49.57	161.42	126
20	23	97	19	535.78	-26.64	85.63	118	376.53	28.23	13.86	122	21	6	22	19	161.49	58.16	146.94	126
20	23	100	19	545.65	-35.66	90.80	118	412.89	18.44	18.60	122	21	6	25	19	180.11	63.92	125.07	126
20	23	103	19	548.51	-44.23	97.44	119	446.88	8.67	22.66	122	21	6	28	19	208.71	64.93	97.55	126
20	23	106	19	544.09	-52.20	106.52	119	477.40	-1.00	26.41	122	21	6	31	19	240.03	60.88	73.34	126
20	23	109	19	532.34	-55.05	119.60	119	503.48	-10.55	30.13	122	21	6	34	19	274.76	53.59	56.84	126
20	23	112	19	513.45	-63.81	138.58	119	524.82	-19.94	34.08	122	21	6	37	19	311.62	44.76	46.08	126
20	23	115	19	487.89	-65.14	162.03	119	538.88	-29.12	38.59	122	21	6	40	19	340.33	35.27	38.65	126
20	23	118	19	456.40	-62.41	175.22	119	546.85	-38.02	44.09	122	21	6	43	19	382.68	25.53	33.08	126
20	23	121	19	420.04	-65.46	158.04	119	547.72	-46.48	51.27	123	21	6	46	19	422.46	15.74	28.57	126
20	23	124	19	380.15	-48.54	146.14	119	541.27	-54.22	61.27	123	21	6	49	19	458.56	5.99	24.63	126
20	23	127	19	338.33	-39.45	137.71	119	527.53	-60.61	75.77	123	21	6	52	19	486.92	-3.65	20.91	126
20	23	130	19	296.39	-29.63	131.36	119	506.75	-64.56	96.18	123	21	6	55	19	508.57	-13.16	17.16	126
20	23	133	19	256.26	-19.31	126.19	119	479.48	-64.78	120.29	123	21	6	58	19	528.67	-22.50	13.09	126
20	23	136	19	219.90	-8.63	121.66	119	446.55	-61.04	141.74	123	21	7	1	19	541.50	-31.61	8.36	126
20	23	139	19	189.08	2.429	117.34	119	409.09	-34.45	157.32	123	21	7	4	19	547.51	-40.41	-2.47	127
20	23	142	19	165.33	13.33	112.87	119	368.52	-46.15	168.10	123	21	7	7	19	546.35	-48.71	5.35	127
20	23	145	19	149.72	24.37	107.83	119	326.50	-36.82	178.85	123	21	7	10	19	537.85	-56.16	16.41	127
20	23	148	19	142.84	35.21	101.64	119	284.89	-36.84	178.20	123	21	7	13	19	522.11	-62.01	32.48	127
20	23	151	19	144.73	45.45	93.32	120	245.84	-16.41	173.25	123	21	7	16	19	498.46	-65.04	54.39	127
20	23	154	19	154.98	54.85	81.17	120	210.66	-5.66	168.81	123	21	7	19	19	470.53	-64.11	78.41	127
20	23	157	19	172.78	62.01	62.57	120	181.69	5.31	164.49	123	21	7	22	19	436.23	-59.44	98.31	127
20	23	160	19	197.05	65.17	36.57	120	160.12	16.36	159.91	123	21	7	25	19	397.77	-52.28	112.37	127
20	23	163	19	226.58	63.07	9.90	120	146.90	27.37	154.63	123	21	7	28	19	356.63	-43.64	122.15	127
20	23	166	19	260.07	56.86	9.72	120	142.47	38.11	147.97	123	21	7	31	19	314.56	-34.11	129.30	127
20	23	169	19	296.23	48.52	22.51	120	146.74	48.24	138.81	124	21	7	34	19	273.44	-23.99	134.91	127
20	23	172	19	333.78	39.23	31.09	120	159.17	57.10	125.17	124	21	7	37	19	235.22	-13.45	139.67	127
20	23	175	19	371.47	29.57	37.30	120	178.86	63.36	104.40	124	21	7	40	19	201.78	-2.63	144.04	127
20	23	178	19	408.08	19.78	42.18	120	204.71	65.12	77.21	124	21	7	43	19	171.78	8.38	148.40	127
20	23	181	19	442.47	10.01	46.31	120	235.45	61.68	52.06	124	21	7	46	19	155.49	19.44	153.12	127
20	23	184	19	472.55	0.31	50.08	120	269.79	54.72	34.55	124	21	7	49	19	144.73	30.39	158.71	127
20	23	187	19	500.31	-9.26	53.78	120	306.44	46.04	23.16	124	21	7	52	19	142.77	41.01	165.92	128
20	23	190	19	521.84	-18.67	57.69	120					21	7	55	19				

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21	7	59	38	170.48	61.84	-158.85	8	21	10	53	38	179.33	5.30	99.06	11	21	13	44	38	436.38	-59.26	1.71	15
21	8	2	38	195.07	64.97	-132.99	8	21	10	56	38	157.54	16.35	103.69	11	21	13	47	38	397.46	-5.12	15.75	15
21	8	5	38	224.99	62.88	-106.50	8	21	10	59	38	144.21	27.35	109.02	11	21	13	50	38	355.86	-43.51	25.55	15
21	8	8	38	258.93	56.70	-86.92	8	21	11	2	38	139.78	38.08	115.74	11	21	13	53	38	312.32	-34.00	32.74	15
21	8	11	38	295.57	48.39	-74.12	8	21	11	5	572	PERIOD				21	13	56	38	271.77	-73.89	38.39	15
21	8	14	38	333.59	39.13	-65.51	8	21	11	5	38	144.16	48.19	124.97	12	21	13	59	38	233.17	-13.37	43.19	15
21	8	17	38	371.75	29.68	-59.26	8	21	11	8	38	156.80	57.00	138.69	12	21	14	2	38	199.42	-2.55	47.61	15
21	8	20	38	408.80	19.72	-54.35	8	21	11	11	38	176.80	63.21	159.47	12	21	14	5	38	172.18	9.45	52.01	15
21	8	23	38	443.58	9.97	-50.19	8	21	11	14	38	203.03	64.91	-173.48	12	21	14	8	38	152.77	19.50	56.78	15
21	8	26	38	474.98	0.30	-46.39	8	21	11	17	38	234.21	61.46	-148.51	12	21	14	11	38	141.99	30.45	62.43	15
21	8	29	38	502.00	-9.25	-42.65	8	21	11	20	38	269.02	54.51	-131.69	12	21	14	14	38	140.12	41.05	69.72	15
21	8	32	38	523.73	-18.64	-38.72	8	21	11	23	38	306.16	45.85	-119.71	12	21	14	17	38	PERIOD	95.567		
21	8	35	38	539.38	-27.82	-34.28	8	21	11	26	38	344.32	36.44	-111.90	12	21	14	20	38	146.95	50.88	79.98	16
21	8	38	38	548.34	-36.74	-28.92	8	21	11	29	38	382.26	26.74	-106.11	12	21	14	23	38	161.81	59.12	95.47	16
21	8	41	38	550.17	-45.24	-21.99	9	21	11	32	38	418.75	16.97	-101.66	12	21	14	26	38	182.72	64.23	118.46	16
21	8	44	38	544.62	-53.07	-12.46	9	21	11	35	38	452.66	7.24	-97.43	12	21	14	29	38	211.49	84.41	145.93	16
21	8	47	38	531.68	-59.67	1.28	9	21	11	38	482.89	-2.40	-89.91	12	21	14	32	38	243.83	59.74	168.90	16	
21	8	50	38	511.58	-64.01	20.75	9	21	11	41	38	508.47	-11.91	-85.87	12	21	14	35	38	279.43	52.16	175.68	16
21	8	53	38	484.84	-64.81	44.50	9	21	11	44	38	528.52	-21.24	-81.22	12	21	14	38	316.97	43.22	165.53	16	
21	8	56	38	452.26	-61.61	66.53	9	21	11	47	38	542.32	-30.36	-75.49	12	21	14	41	38	355.16	33.69	158.42	16
21	8	59	38	414.93	-55.39	92.91	9	21	11	50	38	549.28	-39.18	-73.49	12	21	14	44	38	392.78	23.96	153.02	16
21	9	2	38	374.24	-47.31	94.28	9	21	11	53	38	549.02	-47.53	-67.96	13	21	14	47	38	428.62	14.19	148.59	16
21	9	5	38	331.84	-38.14	102.41	9	21	11	56	38	541.36	-55.09	-57.42	13	21	14	50	38	461.54	4.48	144.67	16
21	9	8	38	289.59	-28.26	108.62	9	21	11	59	38	526.35	-61.18	-42.17	13	21	14	53	38	514.56	-14.59	137.13	16
21	9	11	38	249.44	-17.89	113.72	9	21	12	2	38	504.32	-64.65	-21.11	13	21	14	56	38	532.87	-23.87	132.95	16
21	9	14	38	213.35	-7.19	118.24	9	21	12	5	38	475.84	-64.29	2.84	13	21	14	59	38	544.73	-85.05	121.90	17
21	9	17	38	183.10	3.75	122.61	9	21	12	8	38	441.80	-60.10	23.42	13	21	14	62	38	547.23	-49.79	113.65	17
21	9	20	38	160.17	14.79	127.17	9	21	12	11	38	403.38	-53.25	38.22	13	21	15	2	38	549.63	-31.92	128.05	16
21	9	23	38	145.59	25.81	122.37	9	21	12	14	38	362.05	-44.81	48.51	13	21	15	5	38	547.23	-49.79	113.65	17
21	9	26	38	139.88	36.59	138.84	9	21	12	17	38	319.52	-35.40	55.99	13	21	15	8	38	537.46	-51.02	101.96	17
21	9	29	38	143.03	46.82	147.62	10	21	12	20	38	277.69	-25.36	61.81	13	21	15	11	38	520.39	-62.50	85.05	17
21	9	32	38	154.54	55.88	160.55	10	21	12	23	38	238.53	-14.89	66.71	13	21	15	14	38	496.43	-43.97	62.61	17
21	9	35	38	173.57	62.56	-179.78	10	21	12	26	38	203.96	-4.11	71.15	13	21	15	17	38	466.26	-63.44	39.04	17
21	9	38	38	198.99	65.00	-153.24	10	21	12	29	38	175.69	6.87	75.53	13	21	15	20	38	430.84	-50.36	20.10	17
21	9	41	38	229.55	62.21	-127.44	10	21	12	32	38	155.07	17.92	80.23	13	21	15	23	38	391.45	-50.96	-6.78	17
21	9	44	38	263.94	55.63	-108.95	10	21	12	35	38	143.01	28.90	85.71	13	21	15	26	38	349.61	-42.19	2.55	17
21	9	47	38	300.84	47.13	-96.88	10	21	12	38	38	139.86	39.57	92.70	13	21	15	29	38	307.11	-32.58	9.46	17
21	9	50	38	338.94	37.19	-88.69	10	21	12	41	38	145.47	49.54	102.42	14	21	15	32	38	265.88	-22.40	14.96	17
21	9	53	38	377.00	28.12	-92.68	10	21	12	44	38	159.22	59.08	117.00	14	21	15	35	38	227.88	-11.82	19.68	17
21	9	56	38	413.78	18.35	-77.90	10	21	12	47	38	180.19	63.77	138.89	14	21	15	38	38	194.98	-8.97	24.07	17
21	9	59	38	448.14	8.60	-73.81	10	21	12	50	38	207.20	64.71	166.25	14	21	15	41	38	168.83	10.04	28.50	17
21	10	2	38	478.97	-1.05	-70.03	10	21	12	53	38	238.97	60.64	-169.73	14	21	15	44	38	150.63	21.09	33.37	17
21	10	5	38	505.28	-10.58	-66.29	10	21	12	56	38	274.19	53.36	-153.34	14	21	15	47	38	141.14	32.00	39.19	17
21	10	8	38	526.18	-19.94	-62.30	10	21	12	59	38	311.54	44.54	-142.59	14	21	15	50	38	140.57	42.52	46.81	18
21	10	11	38	540.91	-29.09	-57.76	10	21	13	2	38	349.73	35.08	-135.15	14	21	15	53	38	148.62	52.19	57.66	18
21	10	14	38	548.88	-37.96	-52.22	10	21	13	5	38	387.52	25.36	-129.56	14	21	15	56	38	164.57	66.09	74.13	18
21	10	17	38	549.67	-46.89	-45.01	11	21	13	8	38	423.70	15.58	-125.02	14	21	15	59	38	187.40	64.00	98.17	18
21	10	20	38	543.07	-54.09	-34.99	11	21	13	11	38	457.13	5.86	-121.05	14	21	16	2	38	215.90	58.79	125.53	18
21	10	23	38	529.09	-60.44	-20.52	11	21	13	14	38	486.74	-3.75	-117.31	14	21	16	5	38	248.79	58.79	147.38	18
21	10	26	38	508.03	-64.37	-0.23	11	21	13	17	38	511.57	-13.25	-113.52	14	21	16	8	38	284.74	50.93	161.88	18
21	10	29	38	480.41	-64.59	23.68	11	21	13	20	38	530.75	-22.56	-109.42	14	21	16	11	38	322.44	41.87	171.47	18
21	10	32	38	447.09	-60.89	45.03	11	21	13	23	38	543.59	-31.64	-104.65	14	21	16	14	38	360.62	32.30	178.28	18
21	10	35	38	409.20	-54.34	60.60	11	21	13	26	38	549.53	-40.40	-98.72	14	21	16	17	38	398.03	22.55</		

21	16	35	38	545.73	-34.19	-151.42	18	21	19	26	38	371.56	29.48	131.59	22	21	22	17	38	157.07	57.11	-30.21	26
21	16	38	38	549.58	-42.84	-145.03	19	21	19	29	38	408.50	19.71	136.50	22	21	22	20	38	177.21	63.27	-9.32	26
21	16	41	38	546.12	-50.91	-136.38	19	21	19	32	38	443.16	9.96	140.66	22	21	22	23	38	203.52	64.89	17.77	26
21	16	44	38	535.26	-57.94	-124.04	19	21	19	35	38	474.43	0.99	144.47	22	21	22	26	38	234.74	61.38	42.65	26
21	16	47	38	517.16	-63.07	-106.28	19	21	19	38	38	501.32	-9.26	148.20	22	21	22	29	38	269.55	54.40	59.96	26
21	16	50	38	492.26	-65.00	-83.27	19	21	19	41	38	522.91	-18.65	152.14	22	21	22	32	38	306.64	45.72	71.28	26
21	16	53	38	461.26	-62.90	-60.10	19	21	19	44	38	538.44	-27.84	156.58	22	21	22	35	38	344.72	36.31	79.05	26
21	16	56	38	425.19	-57.40	-42.02	19	21	19	47	38	547.29	-36.76	161.95	22	21	22	38	38	382.54	26.61	84.82	26
21	16	59	38	385.35	-49.76	-29.39	19	21	19	50	38	549.01	-45.26	168.88	23	21	22	41	38	418.89	16.83	89.46	26
21	17	2	38	343.21	-40.84	-20.49	19	21	19	53	38	543.37	-53.09	178.43	23	21	22	44	38	453.62	7.10	93.48	26
21	17	5	38	300.89	-31.13	-13.83	19	21	19	56	38	530.36	-59.69	176.81	23	21	22	47	38	483.67	-2.154	97.24	26
21	17	8	38	260.01	-20.89	-8.48	19	21	19	59	38	510.21	-64.03	174.30	23	21	22	50	38	508.05	-12.05	101.01	26
21	17	11	38	222.66	-10.27	-3.84	19	21	20	2	38	483.44	-64.80	174.54	23	21	22	53	38	527.90	-21.38	105.06	26
21	17	14	38	190.67	0.62	0.54	19	21	20	5	38	450.85	-61.59	172.52	23	21	22	56	38	541.48	-30.50	109.72	26
21	17	17	38	165.62	11.64	5.01	19	21	20	8	38	413.54	-55.34	176.16	23	21	22	59	38	545.24	-39.32	115.47	26
21	17	20	38	148.67	22.68	9.97	19	21	20	11	38	372.90	-47.26	174.81	23	21	22	62	38	547.78	-47.66	123.04	27
21	17	23	38	140.49	33.56	16.00	19	21	20	14	38	330.59	-38.07	176.69	23	21	23	5	38	539.94	-55.20	133.65	27
PERIOD 95,561							19	21	20	17	38	288.44	-28.19	170.49	23	21	23	8	38	524.77	-61.26	149.00	27
21	17	26	38	141.21	43.99	23.97	20	21	20	17	38	248.43	-17.82	175.82	23	21	23	11	38	502.59	-64.67	170.17	27
21	17	29	38	150.46	53.47	35.47	20	21	20	20	38	212.50	-7.10	175.82	23	21	23	14	38	474.01	-64.42	170.17	27
21	17	32	38	167.48	61.00	52.98	20	21	20	23	38	182.43	3.83	175.82	23	21	23	17	38	439.91	-60.00	170.17	27
21	17	35	38	191.22	64.84	77.99	20	21	20	26	38	159.68	14.88	175.82	23	21	23	20	38	401.47	-53.10	170.17	27
21	17	38	38	220.44	63.48	105.02	20	21	20	29	38	145.29	25.89	175.82	23	21	23	23	38	360.17	-44.63	170.17	27
21	17	41	38	253.85	57.77	125.73	20	21	20	32	38	139.75	36.68	175.82	23	21	23	26	38	312.73	-35.21	170.17	27
21	17	44	38	290.12	49.67	136.34	20	PERIOD 95,555							23	21	23	29	38	276.04	-25.16	170.17	27
21	17	47	38	327.96	40.51	148.43	20	21	20	35	38	143.05	46.90	175.82	23	21	23	32	38	237.07	-14.67	170.17	27
21	17	50	38	366.09	30.90	154.95	20	21	20	38	38	154.69	55.94	175.82	23	21	23	35	38	202.74	-3.88	170.17	27
21	17	53	38	403.27	21.14	160.00	20	21	20	41	38	173.81	62.80	175.82	23	21	23	38	38	174.74	7.10	170.17	27
21	17	56	38	438.35	11.38	164.25	20	21	20	44	38	199.28	64.99	175.82	23	21	23	41	38	154.42	18.16	170.17	27
21	17	59	38	470.20	1.69	168.08	20	21	20	47	38	229.86	62.17	175.82	23	21	23	44	38	142.66	29.13	170.17	27
21	18	2	38	497.81	-7.88	171.81	20	21	20	50	38	264.23	55.57	175.82	23	21	23	47	38	139.79	39.79	170.17	27
21	18	5	38	520.24	-17.29	175.70	20	21	20	53	38	301.08	47.06	175.82	23	PERIOD 95,549							27
21	18	8	38	536.71	-26.51	179.95	20	21	20	56	38	339.10	37.72	175.82	23	21	23	50	38	145.66	49.74	170.17	27
21	18	11	38	546.58	-35.47	174.75	20	21	20	59	38	377.05	28.05	175.82	23	21	23	53	38	156.64	58.24	170.17	27
21	18	14	38	549.38	-44.05	168.10	21	21	21	62	38	413.71	18.28	175.82	23	21	23	56	38	180.77	63.84	170.17	27
21	18	17	38	544.83	-52.01	159.02	21	21	21	65	38	447.91	8.53	175.82	23	21	23	59	38	207.89	64.67	170.17	27
21	18	20	38	532.89	-58.83	146.00	21	21	21	68	38	478.59	-1.12	175.82	23	22	0	2	38	239.73	60.51	170.17	27
21	18	23	38	513.77	-63.95	127.36	21	21	21	71	38	504.73	-10.65	175.82	23	22	0	5	38	278.95	53.18	170.17	27
21	18	26	38	487.93	-69.58	103.91	21	21	21	74	38	525.47	-20.01	175.82	23	22	0	8	38	312.26	44.35	170.17	27
21	18	29	38	456.13	-72.28	81.26	21	21	21	77	38	547.84	-29.17	175.82	23	22	0	11	38	350.37	34.88	170.17	27
21	18	32	38	419.42	-76.40	64.04	21	21	21	80	38	568.48	-38.04	175.82	23	22	0	14	38	388.03	25.15	170.17	27
21	18	35	38	379.12	-78.53	52.07	21	21	21	83	38	548.48	-46.47	175.82	23	22	0	17	38	424.04	15.38	170.17	27
21	18	38	38	336.97	-79.47	43.57	21	21	21	86	38	541.74	-54.16	175.82	23	22	0	20	38	456.28	5.86	170.17	27
21	18	41	38	294.66	-79.67	37.15	21	21	21	89	38	527.65	-60.50	175.82	23	22	0	23	38	486.67	-2.96	170.17	27
21	18	44	38	254.20	-79.36	31.94	21	21	21	92	38	506.49	-64.39	175.82	23	22	0	26	38	511.26	-13.45	170.17	27
21	18	47	38	217.53	-78.69	27.35	21	21	21	95	38	478.80	-64.57	175.82	23	22	0	29	38	530.20	-22.75	170.17	27
21	18	50	38	186.48	2.22	22.99	21	21	21	98	38	445.45	-60.83	175.82	23	22	0	32	38	547.79	-31.83	170.17	27
21	18	53	38	162.57	13.26	18.47	21	21	21	101	38	407.56	-54.25	175.82	23	22	0	35	38	548.47	-40.59	170.17	27
21	18	56	38	146.89	24.29	13.39	21	21	21	104	38	365.57	-45.96	175.82	23	22	0	38	38	546.91	-48.85	170.17	27
21	18	59	38	140.02	35.12	17.15	21	21	21	107	38	324.17	-36.65	175.82	23	22	0	41	38	537.96	-56.22	170.17	27
PERIOD 95,558							21	21	21	110	38	282.23	-26.68	175.82	23	22	0	44	38	521.71	-61.97	170.17	27
21	19	2	38	142.03	45.45	1.22	22	21	21	53	38	242.72	-16.25	175.82	23	22	0	47	38	498.54	-64.87	170.17	27
21	19	5	38	152.49	54.72	13.42	22	21	21	56	38	207.56	-5.50	175.82	23	22	0	50	38	469.07	-53.83	170.17	27
21	19	8	38	170.56	61.84	32.02	22	21	21	59	38	176.51	5.46	175.82	23	22	0	53	38	434.24	-59.10	170.17	27
21	19	11	38	195.18	64.97	57.89	22	21	22	2	38	156.96	16.51	175.82	23	22	0	56	38	398.28	-51.92	170.17	27
21	19	14	38	225.09	62.87	84.37	22	21	22	5	38	148.88	27.51	175.82	23	22	0	59	38	359.71	-43.27	170.17	27
21	19	17	38	259.00	56.69	103.94	22	21	22	8	38	136.67	38.23	175.82	23	22	1	62	38	311.27	-33.74	170.17	27
21	19	20	38	295.57	48.38	116.73	22	PERIOD 95,552							25	22	1	5	38	269.87	-23.61	170.17	27
21	19	23	38	333.51	39.12	125.35	22	21	22	14	38	144.26	48.33	175.82	23	22	1	8	38	231.50	-125.81	170.17	27

22	1	11	38	198.03	-2.25	-121.40	29	22	4	2	38	458.73	-62.74	131.58	33	22	6	53	38	538.05	-28.28	-12.30	36
22	1	14	38	171.12	8.75	-117.00	29	22	4	5	38	422.52	-57.43	149.44	33	22	6	56	38	545.46	-37.18	-6.87	36
22	1	17	38	152.06	19.81	-112.20	29	22	4	8	38	382.62	-49.43	161.89	33	22	6	59	38	547.74	-45.67	0.17	37
22	1	20	38	141.64	30.75	-106.52	29	22	4	11	38	340.61	-40.47	170.69	33	22	7	2	38	541.67	-53.46	9.88	37
22	1	23	38	140.12	41.33	-99.18	30	22	4	14	38	298.31	-30.73	177.28	33	22	7	5	38	528.25	-59.97	23.91	37
22	1	26	38	147.26	51.13	-88.80	30	22	4	17	38	257.66	-20.47	-177.41	33	22	7	8	38	507.73	-64.76	43.72	37
22	1	29	38	162.38	59.31	-73.13	30	22	4	20	38	220.61	-9.83	-172.78	33	22	7	11	38	480.64	-61.33	67.57	37
22	1	32	38	184.99	64.31	-49.93	30	22	4	23	38	189.00	1.06	-168.41	33	22	7	14	38	447.80	-89.36	89.36	37
22	1	35	38	212.40	64.34	-22.47	30	22	4	26	38	164.38	12.10	-163.93	33	22	7	17	38	410.33	-54.96	105.42	37
22	1	38	38	244.82	59.57	0.28	30	22	4	29	38	147.91	23.14	-158.93	33	22	7	20	38	369.62	-46.80	116.57	37
22	1	41	38	280.43	51.93	15.52	30	22	4	32	38	140.20	34.00	-152.84	33	22	7	23	38	327.35	-37.56	124.57	37
22	1	44	38	317.93	42.96	25.56	30	22	4	35	38	141.37	44.41	-144.76	34	22	7	26	38	285.37	-27.64	130.69	37
22	1	47	38	356.04	33.43	32.61	30	22	4	38	38	151.03	53.83	-133.07	34	22	7	29	38	245.65	-17.55	135.75	37
22	1	50	38	393.51	23.69	37.98	30	22	4	41	38	168.39	61.25	-115.26	34	22	7	32	38	210.11	-64.52	140.26	37
22	1	53	38	429.56	13.92	42.39	30	22	4	44	38	192.39	64.89	-90.00	34	22	7	35	38	180.53	4.43	144.62	37
22	1	56	38	461.87	4.21	46.30	30	22	4	47	38	221.80	63.32	-63.10	34	22	7	38	38	150.34	15.48	149.21	37
22	1	59	38	490.58	-5.39	50.03	30	22	4	50	38	255.31	57.47	-42.72	34	22	7	41	38	144.54	26.49	154.47	37
22	2	1	38	514.36	-14.85	53.85	30	22	4	53	38	291.62	49.32	-29.34	34	22	7	44	38	139.59	37.25	161.05	37
22	2	4	38	532.37	-24.13	58.05	30	22	4	56	38	329.41	40.12	-20.39	34	22	7	47	38	143.44	47.43	170.02	38
22	2	7	38	543.94	-33.17	62.98	30	22	4	59	38	367.42	30.50	-13.95	34	22	7	50	38	153.57	56.38	-176.71	38
22	2	10	38	548.55	-41.87	69.18	31	22	5	2	38	404.43	20.74	-8.93	34	22	7	53	38	175.10	62.86	-156.55	38
22	2	13	38	545.87	-50.02	77.51	31	22	5	5	38	439.27	10.98	-4.71	34	22	7	56	38	200.89	64.97	-129.78	38
22	2	16	38	535.80	-57.21	89.34	31	22	5	8	38	470.85	1.30	-0.88	34	22	7	59	38	231.69	61.89	-104.31	38
22	2	19	38	518.48	-62.62	106.43	31	22	5	11	38	498.13	-8.27	2.85	34	22	8	2	38	260.19	55.15	-86.31	38
22	2	22	38	494.31	-64.98	129.01	31	22	5	14	38	520.21	-17.68	6.75	34	22	8	5	38	303.06	46.58	-74.55	38
22	2	25	38	463.97	-63.33	152.52	31	22	5	17	38	536.31	-26.89	11.12	34	22	8	8	38	341.03	37.21	-66.53	38
22	2	28	38	428.44	-58.15	171.28	31	22	5	20	38	545.78	-35.84	16.37	34	22	8	11	38	378.83	27.52	-60.61	38
22	2	31	38	388.99	-50.69	175.56	31	22	5	23	38	548.18	-44.41	23.11	35	22	8	14	38	415.27	17.75	-55.89	38
22	2	34	38	347.18	-41.89	166.32	31	22	5	26	38	543.25	-22.33	32.32	35	22	8	17	38	449.19	8.01	-51.83	38
22	2	37	38	304.79	-32.25	159.46	31	22	5	29	38	530.95	-19.09	45.57	35	22	8	20	38	479.52	-1.65	-48.06	38
22	2	40	38	263.74	-22.05	154.00	31	22	5	32	38	511.49	-63.72	64.48	35	22	8	23	38	505.26	-11.17	-44.30	38
22	2	43	38	226.01	-11.46	149.29	31	22	5	35	38	485.36	-64.91	88.05	35	22	8	26	38	525.56	-20.52	-40.29	38
22	2	46	38	193.45	-0.60	144.91	31	22	5	38	38	453.34	-82.07	110.53	35	22	8	29	38	539.65	-29.67	-35.70	38
22	2	49	38	167.67	10.42	140.47	31	22	5	41	38	416.48	-56.08	127.48	35	22	8	32	38	546.98	-38.52	-30.07	38
22	2	52	38	149.89	21.47	135.58	31	22	5	44	38	376.16	-48.13	139.27	35	22	8	35	38	547.12	-46.92	-22.71	39
22	2	55	38	140.82	32.38	129.71	31	22	5	47	38	334.00	-39.03	147.65	35	22	8	38	38	539.91	-54.56	-12.44	39
22	2	58	38	140.82	32.38	129.71	31	22	5	50	38	291.84	-19.20	154.00	35	22	8	41	38	525.36	-60.80	2.41	39
22	2	61	38	140.82	32.38	129.71	31	22	5	53	38	251.82	-18.87	159.17	35	22	8	44	38	503.79	-64.31	23.10	39
22	2	64	38	140.82	32.38	129.71	31	22	5	56	38	215.31	-8.18	163.74	35	22	8	47	38	475.75	-64.45	47.07	39
22	2	67	38	140.82	32.38	129.71	31	22	5	59	38	184.69	2.74	168.10	35	22	8	50	38	442.12	-60.51	68.06	39
22	2	70	38	140.82	32.38	129.71	31	22	5	62	38	161.27	13.78	172.63	35	22	8	53	38	404.06	-53.80	83.26	39
22	2	73	38	140.82	32.38	129.71	31	22	5	65	38	146.12	24.81	177.76	35	22	8	56	38	363.01	-45.43	93.82	39
22	2	76	38	140.82	32.38	129.71	31	22	5	68	38	139.79	35.63	-175.93	35	22	8	59	38	320.67	-36.07	101.46	39
22	2	79	38	140.82	32.38	129.71	31	22	5	71	38	142.30	45.92	-167.42	36	22	9	2	38	278.92	-26.06	107.37	39
22	2	82	38	140.82	32.38	129.71	31	22	5	74	38	153.20	55.12	-154.97	36	22	9	5	38	239.74	-15.61	112.31	39
22	2	85	38	140.82	32.38	129.71	31	22	5	77	38	171.86	62.10	-136.01	36	22	9	8	38	205.03	-4.84	116.77	39
22	2	88	38	140.82	32.38	129.71	31	22	5	80	38	196.57	64.99	-109.90	36	22	9	11	38	176.53	6.13	121.15	39
22	2	91	38	140.82	32.38	129.71	31	22	5	83	38	226.68	62.66	-83.63	36	22	9	14	38	155.60	17.19	125.81	39
22	2	94	38	140.82	32.38	129.71	31	22	5	86	38	260.70	56.34	-64.44	36	22	9	17	38	143.16	28.17	131.23	39
22	2	97	38	140.82	32.38	129.71	31	22	5	89	38	297.31	47.95	-51.90	36	22	9	20	38	139.60	38.87	138.08	39
22	2	100	38	140.82	32.38	129.71	31	22	5	92	38	335.20	38.67	-43.43	36	22	9	23	38	144.79	48.91	147.57	40
22	2	103	38	140.82	32.38	129.71	31	22	5	95	38	373.12	29.02	-37.27	36	22	9	26	38	158.14	57.58	161.74	40
22	2	106	38	140.82	32.38	129.71	31	22	5	98	38	409.86	19.25	-32.41	36	22	9	29	38	178.71	63.52	-176.90	40
22	2	109	38	140.82	32.38	129.71	31	22	5	101	38	444.26	9.50	-28.27	36	22	9	32	38	205.37	64.82	-19.66	40
22	2	112	38	140.82	32.38	129.71	31	22	5	104	38	475.22	-0.17	-24.47	36	22	9	35	38	236.82	61.03	-125.19	40
22	2	115	38	140.82	32.38	129.71	31	22	5	107	38	501.75	-9.71	-20.73	36	22	9	38	38	271.76	53.91	-108.31	40
22	2	118	38	140.82	32.38	129.71	31	22	5	110	38	522.95	-19.10	-16.78	36	22	9	41	38	308.88	45.17	-97.28	40

22	9	44	38	346.89	35.72	-89.66	40	22	12	35	38	148.11	51.81	103.05	44	22	15	29	38	216.98	-8.89	18.52	47
22	9	47	38	384.54	26.02	-83.98	40	22	12	38	38	163.84	59.81	119.23	44	22	15	32	38	186.05	2.02	22.89	47
22	9	50	38	420.65	16.24	-79.39	40	22	12	41	38	186.45	64.49	142.96	44	22	15	35	38	162.24	13.07	27.40	47
22	9	53	38	454.06	6.51	-75.39	40	22	12	44	38	214.73	64.13	170.37	44	22	15	38	38	146.63	24.10	32.47	47
22	9	56	38	483.73	-3.13	-71.64	40	22	12	47	38	247.41	64.07	-167.45	44	22	15	41	38	139.81	34.94	38.68	47
22	9	59	38	508.67	-12.62	-67.86	40	22	12	50	38	283.15	51.30	-152.69	44	PERIOD 95.521							
22	10	2	38	528.03	-21.95	-63.78	40	22	12	53	38	320.66	42.27	-142.93	44	22	15	44	38	141.83	45.28	47.01	48
22	10	5	38	541.10	-31.06	-59.07	40	22	12	56	38	358.66	32.72	-136.04	44	22	15	47	38	152.27	54.58	59.12	48
22	10	8	38	547.32	-39.85	-53.23	40	22	12	59	38	395.93	22.97	-130.77	44	22	15	50	38	170.30	77.59	77.59	48
22	10	11	38	546.32	-48.16	-45.50	41	22	13	2	38	431.28	13.20	-126.41	44	22	15	53	38	194.84	103.35	103.35	48
22	10	14	38	537.95	-55.64	-34.65	41	22	13	5	38	463.60	3.49	-122.52	44	22	15	56	38	224.65	129.91	129.91	48
22	10	17	38	522.29	-61.57	-18.93	41	22	13	8	38	491.85	-6.10	-118.79	44	22	15	59	38	258.42	149.61	149.61	48
22	10	20	38	499.67	-64.77	2.58	41	22	13	11	38	515.11	-15.55	-114.95	44	22	16	2	38	294.84	162.50	162.50	48
22	10	23	38	470.70	-64.07	26.50	41	22	13	14	38	532.54	-24.82	-110.71	44	22	16	5	38	332.62	39.29	171.17	48
22	10	26	38	436.31	-59.61	46.64	41	22	13	17	38	543.50	-33.84	-105.70	44	22	16	8	38	370.49	177.45	177.45	48
22	10	29	38	397.69	-52.58	61.00	41	22	13	20	38	547.47	-42.51	-99.37	45	22	16	11	38	407.24	19.89	177.63	48
22	10	32	38	356.33	-44.03	71.00	41	22	13	23	38	544.16	-50.61	-90.83	45	22	16	14	38	441.72	10.13	-173.45	48
22	10	35	38	313.97	-34.55	78.31	41	22	13	26	38	533.48	-57.70	-78.66	45	22	16	17	38	472.83	0.45	-169.64	48
22	10	38	273.51	-24.47	84.03	41	22	13	29	38	515.58	-62.93	-61.09	45	22	16	20	38	499.57	-9.10	-165.91	48	
22	10	41	38	233.91	-13.95	88.87	41	22	13	32	38	490.89	-65.00	-38.20	45	22	16	23	38	521.03	-18.50	-161.97	48
22	10	44	38	200.08	-3.15	93.30	41	22	13	35	38	460.12	-63.03	-14.90	45	22	16	26	38	536.45	-27.70	-157.54	48
22	10	47	38	172.69	7.85	97.69	41	22	13	38	38	424.27	-57.63	3.41	45	22	16	29	38	545.22	-36.62	-152.19	48
22	10	50	38	153.05	18.90	102.44	41	22	13	41	38	384.64	-50.04	16.20	45	22	16	32	38	546.89	-45.15	-145.28	49
22	10	53	38	142.00	29.86	108.02	41	22	13	44	38	382.79	-41.14	25.21	45	22	16	35	38	541.22	-52.99	-135.77	49
22	10	56	38	139.83	40.49	115.19	41	22	13	47	38	300.53	-31.45	31.92	45	22	16	38	38	528.22	-59.62	-122.06	49
PERIOD 95.529								22	13	50	38	259.79	-21.21	37.31	45	22	16	41	38	508.11	-63.99	-102.60	49
22	11	3	38	146.35	50.37	125.25	42	22	13	53	38	222.52	-10.59	46.35	45	22	16	44	38	481.40	-64.81	-78.83	49
22	11	6	38	160.89	58.73	140.38	42	22	13	56	38	190.58	0.29	46.35	45	22	16	47	38	448.91	-56.75	-56.75	49
22	11	9	38	182.50	64.06	162.95	42	22	13	59	38	165.54	11.31	50.81	45	22	16	50	38	411.72	-55.41	-40.32	49
22	11	12	38	209.98	64.54	-169.60	42	22	14	2	38	186.56	-23.36	55.76	45	22	16	53	38	371.22	-47.33	-28.92	49
22	11	15	38	242.06	60.09	-166.23	42	22	14	5	38	180.32	33.25	61.74	45	22	16	56	38	329.07	-38.14	-20.77	49
22	11	18	38	271.42	52.82	-130.44	42	PERIOD 95.524							22	16	59	38	287.10	-14.56	-14.56	49	
22	11	21	38	314.74	43.73	-120.07	42	22	14	8	38	140.95	43.70	69.64	46	22	17	2	38	247.29	-17.88	-9.46	49
22	11	24	38	352.76	34.23	-112.83	42	22	14	11	38	150.09	53.21	81.01	46	22	17	5	38	211.56	-7.16	-4.93	49
22	11	27	38	390.24	24.50	-107.36	42	22	14	14	38	166.98	60.82	98.29	46	22	17	8	38	181.69	3.78	-0.56	49
22	11	30	38	425.98	14.73	-102.89	42	22	14	17	38	190.56	64.80	123.11	46	22	17	11	38	159.13	14.83	4.00	49
22	11	33	38	458.87	5.00	-98.95	42	22	14	20	38	219.62	63.60	150.22	46	22	17	14	38	144.92	25.84	9.21	49
22	11	36	38	487.84	-4.61	-95.22	42	22	14	23	38	252.86	57.98	171.17	46	22	17	17	38	139.53	36.63	15.68	49
22	11	39	38	511.95	-14.08	-91.41	42	22	14	26	38	288.96	49.94	-175.04	46	PERIOD 95.518							
22	11	42	38	547.48	-23.38	-87.26	42	22	14	29	38	326.62	40.79	-165.85	46	22	17	20	38	142.94	46.85	24.47	50
22	11	45	38	580.36	-32.45	-82.40	42	22	14	32	38	364.57	31.19	-159.28	46	22	17	23	38	154.66	55.90	37.41	50
22	11	48	38	614.18	-41.18	-76.33	43	22	14	35	38	401.60	21.43	-154.19	46	22	17	26	38	173.81	62.58	57.10	50
22	11	51	38	649.39	-49.39	-68.21	43	22	14	38	38	436.53	11.67	-149.93	46	22	17	29	38	199.28	83.65	83.65	50
22	11	54	38	685.81	-56.69	-56.72	43	22	14	41	38	468.26	1.98	-146.08	46	22	17	32	38	229.80	109.43	109.43	50
22	11	57	38	722.29	-62.29	-40.10	43	22	14	44	38	495.77	-1.60	-142.35	46	22	17	35	38	264.08	127.90	127.90	50
22	11	60	38	759.37	-64.94	-17.84	43	22	14	47	38	518.14	-17.02	-138.47	46	22	17	38	38	300.79	139.95	139.95	50
22	11	63	38	796.49	-63.60	5.85	43	22	14	50	38	534.58	-26.25	-134.14	46	22	17	41	38	338.65	148.14	148.14	50
22	12	2	38	830.35	-58.65	25.09	43	22	14	53	38	544.44	-35.23	-128.97	46	22	17	44	38	376.41	154.15	154.15	50
22	12	5	38	870.21	-51.33	-38.64	43	22	14	56	38	547.27	-43.83	-122.36	46	22	17	47	38	412.86	18.33	158.92	50
22	12	8	38	907.55	-42.60	-48.13	43	22	14	59	38	542.79	-51.81	-113.35	47	22	17	50	38	446.86	8.58	163.02	50
22	12	11	38	945.01	-33.01	55.13	43	22	15	2	38	530.95	-58.68	-100.44	47	22	17	53	38	477.32	-1.08	166.80	50
22	12	14	38	982.63	-22.85	60.68	43	22	15	5	38	511.94	-63.50	-81.93	47	22	17	56	38	503.25	-10.61	170.55	50
22	12	17	38	1020.17	-12.28	65.42	43	22	15	8	38	486.24	-64.96	-58.52	47	22	17	59	38	523.78	-19.98	174.54	

22	18	20	38	476.40	-64.56	-99.17	51	528.85	-22.95	127.62	54	23	0	2	38	325.14	41.14	48.96	58
22	18	23	38	443.07	-60.81	-77.87	51	541.09	-32.03	132.43	54	23	0	5	38	363.02	31.55	55.60	58
22	18	26	38	405.26	-54.22	-62.36	51	546.44	-40.79	138.44	54	23	0	8	38	400.01	21.79	60.73	58
22	18	29	38	364.39	-45.92	-51.59	51	544.57	-49.03	146.44	55	23	0	11	38	434.93	12.02	65.02	58
22	18	32	38	322.15	-36.60	-43.83	51	535.34	-56.38	157.74	55	23	0	14	38	466.69	2.53	68.88	58
22	18	35	38	280.41	-26.62	-37.84	51	518.85	-62.09	174.11	55	23	0	17	38	494.25	-7.26	72.61	58
22	18	38	38	241.14	-16.18	-32.86	51	495.47	-64.90	183.83	55	23	0	20	38	516.72	-16.09	76.48	58
22	18	41	38	206.25	-5.42	-28.38	51	465.86	-63.74	190.05	55	23	0	23	38	533.28	-25.93	80.79	58
22	18	44	38	177.69	5.54	-24.01	51	430.96	-58.93	197.55	55	23	0	26	38	543.30	-34.92	85.93	58
22	18	47	38	156.23	16.60	-19.37	51	392.01	-51.68	198.76	55	23	0	29	38	546.31	-43.54	92.47	58
22	18	50	38	143.42	27.59	-14.01	51	350.52	-43.00	197.13	55	23	0	32	38	542.02	-51.55	101.38	58
22	18	53	38	139.48	38.31	-7.25	51	308.26	-33.44	190.05	55	23	0	35	38	530.39	-58.47	114.13	59
22	18	56	38	144.28	48.40	2.05	52	267.14	-23.29	184.45	55	23	0	38	38	511.59	-63.39	132.45	59
22	18	59	38	157.26	57.17	15.90	52	229.11	-12.74	179.68	55	23	0	41	38	486.10	-64.98	155.77	59
22	19	2	38	177.51	63.30	36.84	52	196.06	-1.90	175.27	55	23	0	44	38	454.85	-62.52	178.67	59
22	19	5	38	202.87	64.89	63.94	52	169.62	9.11	170.86	55	23	0	47	38	418.29	-56.77	193.77	59
22	19	8	38	235.08	61.34	88.77	52	151.06	20.17	166.04	55	23	0	50	38	378.35	-48.97	215.55	59
22	19	11	38	269.83	54.34	106.03	52	141.13	31.10	160.32	55	23	0	53	38	336.43	-39.96	241.90	59
22	19	14	38	306.80	45.66	117.31	52	140.07	41.67	152.90	56	23	0	56	38	294.35	-30.18	268.39	59
22	19	17	38	344.71	36.24	125.07	52	147.62	51.43	142.40	56	23	0	59	38	254.06	-19.88	295.12	59
22	19	20	38	382.33	26.54	130.83	52	162.07	59.53	126.51	56	23	1	2	38	217.49	-9.22	321.52	59
22	19	23	38	418.45	16.77	135.46	52	185.43	64.39	109.08	56	23	1	5	38	186.48	1.69	347.15	59
22	19	26	38	451.93	7.03	139.48	52	213.50	64.25	92.41	56	23	1	8	38	162.54	12.73	373.65	59
22	19	29	38	481.71	-2.61	143.24	52	245.99	59.36	81.90	56	23	1	11	38	146.77	23.77	400.15	59
22	19	32	38	506.81	-12.12	147.01	52	281.59	51.66	66.87	56	23	1	14	38	139.77	34.61	427.66	59
22	19	35	38	526.39	-21.46	151.07	52	318.98	42.67	61.90	56	23	1	17	38	141.60	44.98	455.19	60
22	19	38	38	539.71	-30.58	155.74	52	356.91	33.13	71.81	56	23	1	20	38	151.85	54.32	482.60	60
22	19	41	38	546.22	-39.40	161.51	52	394.13	23.38	84.12	56	23	1	23	38	169.70	61.58	510.00	60
22	19	44	38	545.54	-47.75	169.12	53	429.49	13.61	88.51	56	23	1	26	38	194.07	64.94	537.40	60
22	19	47	38	537.50	-55.28	179.77	53	461.85	3.90	92.41	56	23	1	29	38	223.72	63.09	564.60	60
22	19	50	38	522.17	-61.32	184.79	53	490.18	-5.70	96.14	56	23	1	32	38	257.36	57.06	592.22	60
22	19	53	38	499.88	-64.70	193.53	53	513.55	-15.16	99.98	56	23	1	35	38	293.66	48.82	620.00	60
22	19	56	38	471.22	-74.21	199.57	53	531.15	-24.44	104.19	56	23	1	38	38	331.35	39.59	647.22	60
22	19	59	38	437.09	-89.91	199.14	53	542.29	-33.47	109.16	56	23	1	41	38	369.15	29.95	674.40	60
22	20	2	38	398.69	-92.97	184.51	53	546.47	-42.17	115.42	57	23	1	44	38	405.86	20.19	701.60	60
22	20	5	38	357.49	-94.48	174.33	53	543.40	-50.30	123.86	57	23	1	47	38	440.32	10.43	728.22	60
22	20	8	38	315.21	-95.03	166.92	53	532.96	-57.45	135.86	57	23	1	50	38	471.43	0.75	755.40	60
22	20	11	38	272.76	-104.47	161.14	53	515.32	-62.78	153.19	57	23	1	53	38	498.21	-8.81	782.60	60
22	20	14	38	235.08	-14.47	156.27	53	490.88	-64.99	175.95	57	23	1	56	38	519.74	-18.22	809.40	60
22	20	17	38	201.09	-3.67	151.83	53	460.34	-63.18	190.63	57	23	1	59	38	535.25	-27.43	836.60	60
22	20	20	38	173.46	7.32	147.44	53	424.69	-57.88	207.09	57	23	2	2	38	544.14	-36.37	863.80	60
22	20	23	38	153.54	18.38	142.72	53	385.23	-50.35	229.11	57	23	2	5	38	545.94	-44.91	890.00	60
22	20	26	38	142.16	29.35	137.19	53	342.50	-41.49	251.99	57	23	2	8	38	540.44	-52.78	917.20	61
22	20	29	38	139.66	40.00	130.12	53	301.30	-31.82	274.20	57	23	2	11	38	527.60	-59.45	944.40	61
22	20	32	38	145.84	49.93	120.24	54	260.57	-21.60	297.78	57	23	2	14	38	507.66	-63.91	971.60	61
22	20	35	38	160.06	58.39	105.42	54	223.24	-10.99	320.10	57	23	2	17	38	481.13	-68.85	1000.00	61
22	20	38	38	181.38	63.91	94.20	54	191.19	-0.11	342.71	57	23	2	20	38	448.80	-74.91	1027.20	61
22	20	41	38	208.61	64.64	84.20	54	165.98	10.91	367.26	57	23	2	23	38	411.75	-82.42	1054.40	61
22	20	44	38	240.48	60.39	76.91	54	148.80	21.96	392.34	57	23	2	26	38	371.38	-90.56	1081.60	61
22	20	47	38	275.66	53.02	64.03	54	140.33	32.86	417.41	57	23	2	29	38	329.32	-98.59	1108.80	61
22	20	50	38	312.86	44.18	54.60	54	140.72	43.33	442.60	58	23	2	32	38	287.41	-106.85	1136.00	61
22	20	53	38	350.80	34.69	46.60	54	149.62	52.89	467.40	58	23	2	35	38	247.62	-115.14	1163.20	61
22	20	56	38	388.24	24.97	38.48	54	166.29	60.60	492.37	58	23	2	38	38	211.87	-124.43	1190.40	61
22	20	59	38	423.99	15.19	30.99	54	189.66	64.74	517.40	58	23	2	41	38	181.94	-133.73	1217.60	61
22	21	2	38	456.93	5.47	23.99	54	218.54	63.73	542.40	58	23	2	44	38	159.30	-143.01	1244.80	61
22	21	5	38	486.00	-4.16	16.69	54	251.62	58.24	567.40	58	23	2	47	38	144.97	-152.31	1272.00	61
22	21	8	38	510.25	-13.64	123.49	54	287.59	50.26	592.40	58	23	2	50	38	139.45	-161.60	1299.20	61
													PERIOD 95.501						

23	2	53	38	142.73	46.61	-120.68	62	23	5	47	38	234.99	-14.61	158.78	65	23	8	38	38	489.92	-64.99	30.95
23	2	56	38	154.30	55.70	-107.87	62	23	5	50	38	201.03	-3.82	163.22	65	23	8	41	38	459.41	-63.20	54.40
23	2	59	38	173.31	62.45	-88.38	62	23	5	53	38	173.42	7.17	167.61	65	23	8	44	38	422.81	-57.91	72.97
23	3	2	38	198.64	65.00	-61.95	62	23	5	56	38	153.49	18.23	172.32	65	23	8	47	38	384.41	-50.38	85.97
23	3	5	38	229.04	62.32	-36.03	62	23	5	59	38	142.09	29.20	177.84	65	23	8	50	38	342.76	-41.52	95.11
23	3	8	38	263.20	55.81	-17.37	62	23	6	2	38	139.56	39.86	-175.12	65	23	8	53	38	300.64	-31.85	101.90
23	3	11	38	299.81	47.34	-5.19	62	23	6	5	38	145.69	49.81	-165.29	66	23	8	56	38	259.99	-21.62	107.33
23	3	14	38	337.59	38.02	3.07	62	23	6	8	38	159.86	58.29	-150.55	66	23	8	59	38	222.77	-11.01	112.01
23	3	17	38	375.27	28.55	9.12	62	23	6	11	38	181.12	63.86	-128.45	66	23	9	2	38	190.81	-0.13	116.40
23	3	20	38	411.67	18.58	13.92	62	23	6	14	38	208.28	64.66	-101.06	66	23	9	5	38	165.69	10.89	120.85
23	3	23	38	445.64	8.82	18.02	62	23	6	17	38	240.06	60.48	-77.24	66	23	9	8	38	148.60	21.94	125.77
23	3	26	38	476.09	-0.84	21.81	62	23	6	20	38	275.17	53.14	-61.04	66	23	9	11	38	140.20	32.84	131.70
23	3	29	38	502.04	-10.38	25.56	62	23	6	23	38	312.29	44.30	-50.41	66	23	9	14	38	140.66	43.31	139.51
23	3	32	38	522.61	-19.75	29.34	62	23	6	26	38	350.14	34.82	-43.02	66	23	9	17	38	149.60	52.88	150.70
23	3	35	38	537.05	-28.92	34.07	62	23	6	29	38	387.50	25.10	-37.67	66	23	9	20	38	166.29	60.59	167.71
23	3	38	544.78	-37.81	39.59	62	23	6	32	38	423.18	15.33	-32.96	66	23	9	23	38	189.68	64.73	-167.73	
23	3	41	38	545.38	-46.26	46.79	63	23	6	35	38	456.06	5.60	-28.99	66	23	9	26	38	218.54	63.74	-140.53
23	3	44	38	538.64	-53.99	56.77	63	23	6	38	485.08	-4.03	-25.25	66	23	9	29	38	251.58	58.26	-119.28	
23	3	47	38	524.60	-60.38	71.20	63	23	6	41	38	509.29	-13.52	-21.45	66	23	9	32	38	287.49	50.28	-105.26
23	3	50	38	503.53	-64.34	91.47	63	23	6	44	38	527.86	-22.83	-17.33	66	23	9	35	38	324.97	41.16	-95.94
23	3	53	38	475.97	-64.60	115.42	63	23	6	47	38	540.10	-31.92	-12.52	66	23	9	38	38	362.77	31.57	-89.29
23	3	56	38	442.78	-60.92	136.84	63	23	6	50	38	545.46	-40.68	-6.53	66	23	9	41	38	399.66	21.81	-84.16
23	3	59	38	403.09	-54.37	152.48	63	23	6	53	38	543.61	-48.94	1.44	67	23	9	44	38	434.49	12.04	-79.87
23	4	2	38	322.17	-46.10	163.33	63	23	6	56	38	534.41	-56.31	12.70	67	23	9	47	38	466.14	2.35	-76.91
23	4	5	38	322.17	-36.79	171.14	63	23	6	59	38	517.97	-62.04	29.01	67	23	9	50	38	492.61	-7.24	-72.28
23	4	8	38	280.50	-26.82	177.16	63	23	6	62	38	494.65	-64.89	51.03	67	23	9	53	38	515.97	-16.67	-68.41
23	4	11	38	241.26	-16.39	177.84	63	23	7	2	38	465.11	-53.78	74.84	67	23	9	56	38	532.45	-25.92	-64.10
23	4	14	38	206.37	-5.63	173.36	63	23	7	5	38	430.29	-58.99	94.41	67	23	9	59	38	542.39	-34.91	-58.96
23	4	17	38	177.59	5.23	168.99	63	23	7	8	38	430.29	-58.99	94.41	67	23	10	2	38	545.33	-52.41	71
23	4	20	38	156.28	16.39	164.36	63	23	7	11	38	391.41	-51.76	108.25	67	23	10	5	38	540.98	-5.55	-43.50
23	4	23	38	143.41	27.39	159.02	63	23	7	14	38	350.01	-43.08	117.91	67	23	10	8	38	529.30	-58.48	-30.74
23	4	26	38	139.38	38.12	152.30	63	23	7	17	38	307.82	-33.52	125.02	67	23	10	11	38	510.48	-63.39	-12.42
23	4	29	38	146.09	48.22	143.05	64	23	7	20	38	266.77	-23.38	130.62	67	23	10	14	38	484.97	-64.98	10.92
23	4	32	38	156.97	57.03	129.32	64	23	7	23	38	278.82	-12.82	135.40	67	23	10	17	38	452.53	-62.51	33.82
23	4	35	38	177.12	63.22	108.52	64	23	7	26	38	195.83	-1.98	139.81	67	23	10	20	38	417.20	-56.76	51.38
23	4	38	203.38	64.91	81.48	64	23	7	29	38	169.45	9.03	144.22	67	23	10	23	38	377.31	-48.95	63.60	
23	4	41	38	234.49	61.45	56.53	64	23	7	32	38	150.92	20.08	149.03	67	23	10	26	38	335.46	-30.15	78.75
23	4	44	38	264.14	54.50	39.13	64	23	7	35	38	141.02	31.02	154.74	67	23	10	29	38	293.47	-30.15	78.75
23	4	47	38	306.02	45.84	27.76	64	23	7	38	38	139.98	41.59	162.15	68	23	10	32	38	252.28	-19.84	84.02
23	4	50	38	343.85	36.43	19.95	64	23	7	41	38	147.53	51.36	172.62	68	23	10	35	38	216.84	-3.18	88.62
23	4	53	38	381.40	26.73	14.16	64	23	7	44	38	162.97	59.48	-171.54	68	23	10	38	38	185.95	1.73	92.99
23	4	56	38	417.45	16.95	9.51	64	23	7	47	38	185.30	64.37	-148.17	68	23	10	41	38	162.15	12.77	97.50
23	4	59	38	450.89	7.21	5.48	64	23	7	50	38	212.33	64.27	-120.73	68	23	10	44	38	146.51	23.81	102.54
23	5	2	38	480.64	-2.43	1.72	64	23	7	53	38	245.76	59.41	-93.08	68	23	10	47	38	139.64	34.66	108.72
23	5	5	38	503.73	-11.94	2.05	64	23	7	56	38	281.29	51.73	-83.08	68	23	10	50	38	141.59	45.02	116.97
23	5	8	38	523.32	-21.29	6.09	64	23	7	59	38	318.61	42.74	-73.14	68	23	10	53	38	151.92	54.35	128.95
23	5	11	38	538.67	30.42	10.76	64	23	8	2	38	356.45	33.20	-66.14	68	23	10	56	38	169.83	61.60	147.21
23	5	14	38	548.22	-39.25	16.50	64	23	8	5	38	392.60	23.46	-60.80	68	23	10	59	38	194.23	64.94	172.82
23	5	17	38	544.60	-47.61	24.07	65	23	8	8	38	428.86	13.69	-56.41	68	23	11	2	38	223.89	63.07	-160.51
23	5	20	38	536.63	34.66	34.66	65	23	8	11	38	461.14	3.97	-52.50	68	23	11	5	38	253.77	48.79	-127.56
23	5	23	38	521.39	-61.24	50.01	65	23	8	14	38	489.40	-5.63	-48.77	68	23	11	8	38	293.47	33.55	-118.81
23	5	26	38	495.19	-64.67	71.19	65	23	8	17	38	512.71	-15.09	-44.94	68	23	11	11	38	331.38	29.92	-107.45
23	5	29	38	472.63	-64.25	95.17	65	23	8	20	38	530.24	-24.37	-40.72	68	23	11	14	38	369.09	20.15	-102.53
23	5	32	38	436.61	-60.00	115.70	65	23	8	23	38	541.34	-33.42	-35.76	68	23	11	17	38	405.70	10.39	-103.34
23	5	35	38	398.31	-53.09	130.42	65	23	8	26	38	545.50	-42.11	-29.51	69	23	11	20	38	440.04	0.71	-99.52
23	5	38	351.20	-44.61	140.65	140.65	65	23	8	29	38	542.40	-50.25	-21.09	69	23	11	23	38	471.04	-8.85	-95.78
23	5	41	38	315.01	-35.17	148.10	65	23	8	32	38	531.97	-51.41	-9.41	69	23	11	26	38	497.68	0.71	-95.78
23	5	44	38	273.61	-25.11	153.90	65	23	8	35	38	514.93	-62.76									

23	11	29	38	519.08	-18.26	-91.86	72	23	14	20	38	306.53	45.70	-172.49	76	23	17	11	38	140.01	41.87	17.52	80
23	11	32	38	534.47	-27.47	-87.44	72	23	14	23	38	344.29	36.28	-164.72	76	23	17	14	38	147.84	51.61	28.11	80
23	11	35	38	543.24	-36.61	-92.11	72	23	14	26	38	381.73	26.58	-158.95	76	23	17	17	38	163.52	50.66	44.12	80
23	11	38	38	544.94	-44.95	-75.24	73	23	14	29	38	417.65	16.81	-154.32	76	23	17	20	38	186.04	64.44	67.69	80
23	11	41	38	539.33	-52.82	-65.80	73	23	14	32	38	450.93	7.07	-150.29	76	23	17	23	38	214.20	64.20	95.11	80
23	11	44	38	526.41	-59.49	-52.20	73	23	14	35	38	480.51	-2.58	-146.53	76	23	17	26	38	246.71	59.23	117.47	80
23	11	47	38	506.41	-63.93	-32.85	73	23	14	38	38	505.42	-12.09	-146.53	76	23	17	29	38	282.25	51.50	132.38	80
23	11	50	38	479.83	-61.73	-9.10	73	23	14	41	38	524.81	-21.44	-138.70	76	23	17	32	38	319.53	47.49	142.22	80
23	11	53	38	447.48	-55.55	13.10	73	23	14	44	38	543.32	-30.56	-134.03	76	23	17	35	38	354.30	32.90	149.16	80
23	11	56	38	410.44	-47.48	29.65	73	23	14	47	38	534.32	-39.39	-128.26	76	23	17	38	38	397.29	23.20	154.46	80
23	11	59	38	370.11	-47.48	41.14	73	23	14	50	38	543.51	-47.74	-120.65	77	23	17	41	38	429.40	13.43	158.84	80
23	12	2	38	328.11	-38.31	49.33	73	23	14	53	38	535.36	-55.28	-109.98	77	23	17	44	38	461.48	3.72	162.74	80
23	12	5	38	286.31	-28.42	55.57	73	23	14	56	38	519.96	-61.33	-94.53	77	23	17	47	38	489.51	-5.89	166.47	80
23	12	8	38	246.64	-18.05	60.69	73	23	14	59	38	497.63	-64.20	-73.24	77	23	17	50	38	512.56	-15.35	170.31	80
23	12	11	38	211.04	-7.33	65.23	73	23	15	2	38	468.97	-59.89	-49.26	77	23	17	53	38	529.83	-24.63	174.54	80
23	12	14	38	181.29	3.61	69.60	73	23	15	5	38	434.88	-52.94	-28.83	77	23	17	56	38	540.65	-33.66	179.53	80
23	12	17	38	158.83	14.66	74.16	73	23	15	8	38	396.55	-52.94	-14.21	77	23	17	59	38	544.53	-42.35	-174.16	81
23	12	20	38	144.58	25.68	79.35	73	23	15	11	38	356.47	-44.43	-4.04	77	23	18	2	38	541.17	-50.48	-165.66	81
23	12	23	38	139.34	36.47	85.80	73	23	15	14	38	313.35	-34.97	3.37	77	23	18	5	38	530.47	-57.60	-153.54	81
23	12	26	38	142.77	46.71	94.55	74	23	15	17	38	272.08	-24.90	9.14	77	23	18	8	38	512.61	-62.87	-136.05	81
23	12	29	38	154.47	55.78	107.41	74	23	15	20	38	232.64	-14.39	14.01	77	23	18	11	38	487.99	-65.00	-113.18	81
23	12	32	38	173.58	62.50	126.97	74	23	15	23	38	199.90	-3.459	18.45	77	23	18	14	38	457.33	-63.08	-89.81	81
23	12	35	38	198.97	65.00	153.45	74	23	15	26	38	172.55	7.41	22.84	77	23	18	17	38	421.63	-57.71	-71.41	81
23	12	38	38	229.40	62.28	179.31	74	23	15	29	38	152.90	18.47	27.57	77	23	18	20	38	382.18	-50.12	-58.55	81
23	12	41	38	263.55	55.74	-162.11	74	23	15	32	38	141.78	29.43	33.11	77	23	18	23	38	340.56	-41.23	-49.50	81
23	12	44	38	300.12	47.26	-149.97	74	23	15	35	38	139.52	40.08	40.20	77	23	18	26	38	298.54	-31.53	-42.77	81
23	12	47	38	337.82	37.93	-141.74	74	23	15	38	38	145.90	50.00	50.10	78	23	18	29	38	258.07	-21.29	-37.37	81
23	12	50	38	375.42	28.26	-135.70	74	23	15	41	38	160.27	58.44	64.97	78	23	18	32	38	221.09	-10.66	-32.70	81
23	12	53	38	411.70	18.48	-130.91	74	23	15	44	38	181.69	63.93	87.24	78	23	18	35	38	189.44	0.22	-28.31	81
23	12	56	38	445.53	8.73	-126.81	74	23	15	47	38	208.96	64.62	114.65	78	23	18	38	38	164.67	11.30	-23.85	81
23	12	59	38	475.83	-0.93	-123.03	74	23	15	50	38	240.81	60.35	138.31	78	23	18	41	38	147.96	22.30	-18.91	81
23	13	2	38	501.62	-10.47	-115.28	74	23	15	53	38	275.92	52.96	154.37	78	23	18	44	38	139.95	33.19	-12.93	81
23	13	5	38	522.03	-19.85	-115.29	74	23	15	56	38	313.01	44.11	164.91	78	23	18	47	38	140.76	43.64	-5.05	82
23	13	8	38	536.31	-29.02	-110.75	74	23	15	59	38	350.78	34.62	172.24	78	23	18	50	38	150.04	53.17	6.29	82
23	13	11	38	543.88	-37.90	-105.21	74	23	16	2	38	388.03	24.90	177.77	78	23	18	53	38	167.00	60.79	23.54	82
23	13	14	38	544.53	-46.35	-97.99	75	23	16	5	38	423.56	15.12	-177.73	78	23	18	56	38	190.60	64.79	48.31	82
23	13	17	38	537.46	-54.07	-87.96	75	23	16	8	38	456.25	5.39	-173.77	78	23	18	59	38	219.61	63.62	75.43	82
23	13	20	38	523.30	-60.44	-73.46	75	23	16	11	38	485.07	-4.23	-170.03	78	23	19	2	38	257.73	58.03	96.42	82
23	13	23	38	502.13	-64.37	-53.12	75	23	16	14	38	509.07	-13.72	-166.23	78	23	19	5	38	288.66	49.99	110.24	82
23	13	26	38	474.50	-64.58	-29.15	75	23	16	17	38	527.41	-23.03	-162.09	78	23	19	8	38	326.11	40.85	119.45	82
23	13	29	38	441.26	-60.85	-7.79	75	23	16	20	38	539.41	-32.11	-157.27	78	23	19	11	38	363.81	31.25	126.04	82
23	13	32	38	403.56	-54.27	7.78	75	23	16	23	38	544.53	-40.92	-151.24	79	23	19	14	38	400.55	21.50	131.14	82
23	13	35	38	362.83	-45.98	18.59	75	23	16	26	38	542.45	-49.12	-143.21	79	23	19	17	38	435.18	11.73	135.41	82
23	13	38	38	320.74	-36.65	26.37	75	23	16	29	38	533.04	-56.46	-131.85	79	23	19	20	38	466.61	-7.03	139.26	82
23	13	41	38	279.17	-26.67	32.37	75	23	16	32	38	516.40	-62.14	-115.39	79	23	19	23	38	493.81	2.03	142.99	82
23	13	44	38	240.09	-16.23	37.36	75	23	16	35	38	492.92	-64.91	-93.25	79	23	19	26	38	515.89	-16.98	146.87	82
23	13	47	38	205.39	-5.47	41.84	75	23	16	38	38	463.24	-63.70	-69.47	79	23	19	29	38	532.06	-26.22	151.21	82
23	13	50	38	176.92	5.50	46.22	75	23	16	41	38	428.33	-58.83	-50.04	79	23	19	32	38	541.69	-35.21	156.38	82
23	13	53	38	155.74	16.56	50.85	75	23	16	44	38	389.42	-51.55	-36.32	79	23	19	35	38	544.31	-43.82	162.99	83
23	13	56	38	143.10	27.56	56.21	75	23	16	47	38	348.04	-42.85	-26.74	79	23	19	38	38	539.65	-51.81	172.01	83
23	13	59	38	139.30	38.28	62.96	75	23	16	50	38	305.94	-33.26	-19.68	79	23	19	41	38	527.68	-58.69	-175.06	83
23	14	2	38	144.21	48.37	72.25	76	23	16	53	38	265.04	-23.10	-14.10	79	23	19	44	38	508.59	-63.51	-156.51	83
23	14	5	38	157.26	57.15	86.07	76	23	16	56	38	227.30	-12.54	-9.34	79	23	19	47	38	482.86	-64.96	-133.06	83
23	14	8	38	177.53	63.28	106.99	76	23	16	59	38	194.58	-1.69	-4.93	79	23	19	50	38	451.24	-62.36	-110.29	83
23	14	11	38	203.88	64.89	134.07	76	23	17	2	38	168.50	9.32	-0.51	79	23	19	53	38	414.78	-56.50	-82.94	83
23	14	14	38	235.03	61.37	158.92	76	23	17	5	38	150.30	20.38	4.31	79	23	19	56	38	374.84	-48.64	-60.88	83
23	14	17	38	269.69	54.38	176.21	76	23	17	8	38	140.73	31.31	10.06	79	23	19	59	38	333.02	-39.58	-72.33	83
23	14	20	38					PERIOD	95.475							23	20	2	38	291.15	-29.77	-65.88	83

24	4	38	38	291.10	49.61	-33.85	94	PERIOD	95.449	142.73	47.90	166.19	98	24	10	23	38	264.02	-23.40	80.24	101
24	4	41	38	328.53	40.22	-24.87	94	24	7	32	38	179.73	98	24	10	26	38	227.25	-17.84	85.03	101
24	4	44	38	366.12	20.60	-18.41	94	24	7	35	38	156.49	98	24	10	29	38	194.56	-1.99	89.44	101
24	4	47	38	402.66	20.84	-13.38	94	24	7	38	38	176.49	98	24	10	32	38	168.48	9.02	93.85	101
24	4	50	38	437.01	11.08	-9.15	94	24	7	41	38	202.57	98	24	10	35	38	150.25	20.08	98.66	101
24	4	53	38	468.07	1.28	-5.32	94	24	7	44	38	233.49	98	24	10	38	38	140.61	31.02	104.38	101
24	4	56	38	494.85	-8.19	-1.59	94	24	7	47	38	267.93	98	24	10	41	38	PERIOD	95.443		
24	4	59	38	516.45	-17.61	2.32	94	24	7	50	38	304.59	98	24	10	44	38	139.79	41.59	111.78	102
24	5	2	38	532.10	-26.84	6.70	94	24	7	53	38	342.19	98	24	10	47	38	147.51	51.36	122.25	102
24	5	5	38	541.17	-35.81	11.95	94	24	7	56	38	379.50	98	24	10	50	38	138.08	59.47	138.08	102
24	5	8	38	543.23	-44.39	18.69	95	24	7	59	38	415.34	98	24	10	53	38	165.44	64.37	161.44	102
24	5	11	38	538.01	-52.33	27.93	95	24	8	2	38	448.58	98	24	10	56	38	213.45	64.27	171.12	102
24	5	14	38	525.49	-59.17	41.21	95	24	8	5	38	478.16	98	24	10	59	38	245.81	59.42	148.55	102
24	5	17	38	505.90	-63.74	60.18	95	24	8	8	38	503.12	98	24	10	62	38	281.19	51.74	133.47	102
24	5	20	38	479.72	-62.93	83.82	95	24	8	11	38	522.61	98	24	11	2	38	318.32	42.76	123.52	102
24	5	23	38	447.74	-62.03	106.31	95	24	8	14	38	535.90	98	24	11	5	38	355.33	33.22	116.51	102
24	5	26	38	411.03	-56.00	123.25	95	24	8	17	38	542.43	98	24	11	8	38	392.81	23.48	111.18	102
24	5	29	38	370.96	-48.02	135.00	95	24	8	20	38	541.83	98	24	11	11	38	427.79	13.70	106.78	102
24	5	32	38	329.15	-38.89	143.37	95	24	8	23	38	533.93	98	24	11	14	38	459.76	3.98	102.87	102
24	5	35	38	287.43	-29.04	149.70	95	24	8	26	38	518.79	98	24	11	17	38	487.72	-5.63	99.13	102
24	5	38	38	247.76	-18.68	154.87	95	24	8	29	38	496.72	98	24	11	20	38	510.72	-15.10	95.30	102
24	5	41	38	212.06	-7.98	159.44	95	24	8	32	38	468.33	98	24	11	23	38	527.97	-24.38	91.08	102
24	5	44	38	182.12	2.95	163.81	95	24	8	35	38	434.49	98	24	11	26	38	538.81	-33.43	86.11	102
24	5	47	38	159.39	14.00	168.35	95	24	8	38	38	396.39	98	24	11	29	38	542.73	-42.14	79.85	103
24	5	50	38	144.91	25.03	173.49	95	24	8	41	38	353.51	98	24	11	32	38	539.43	-50.29	71.41	103
24	5	53	38	139.21	35.84	179.84	95	24	8	44	38	313.54	98	24	11	35	38	528.83	-57.45	59.39	103
24	5	56	38	152.26	46.12	-171.59	96	24	8	47	38	272.37	98	24	11	38	38	511.08	-62.78	42.02	103
24	5	59	38	153.59	55.29	-159.05	96	24	8	50	38	233.96	98	24	11	41	38	486.59	-64.99	19.22	103
24	6	2	38	172.35	62.20	-139.94	96	24	8	53	38	200.21	98	24	11	44	38	456.08	-63.16	6.23	103
24	6	5	38	197.41	65.00	-113.75	96	24	8	56	38	172.79	98	24	11	47	38	420.53	-57.84	22.77	103
24	6	8	38	227.55	62.57	-87.58	96	24	8	59	38	153.02	98	24	11	50	38	381.24	-50.28	35.74	103
24	6	11	38	261.45	56.20	-68.54	96	24	9	2	38	141.74	98	24	11	53	38	339.76	-41.41	44.85	103
24	6	14	38	297.81	47.80	-56.10	96	24	9	5	38	135.30	98	24	11	56	38	297.89	-31.71	51.62	103
24	6	17	38	335.34	38.50	-47.89	96	24	9	8	38	145.47	98	24	11	59	38	257.55	-21.47	57.04	103
24	6	20	38	372.82	28.84	-41.55	96	24	9	11	38	153.65	98	24	12	2	38	220.88	-10.85	61.73	103
24	6	23	38	403.03	19.07	-36.71	96	24	9	14	38	180.85	98	24	12	5	38	189.12	0.03	66.11	103
24	6	26	38	442.84	9.31	-32.58	96	24	9	17	38	207.92	98	24	12	8	38	164.43	11.07	70.57	103
24	6	29	38	473.18	-0.36	-28.78	96	24	9	20	38	239.58	98	24	12	11	38	147.76	22.12	75.50	103
24	6	32	38	493.07	-9.91	-25.53	96	24	9	23	38	274.51	98	24	12	14	38	139.77	33.01	81.46	103
24	6	35	38	513.62	-19.30	-21.07	96	24	9	26	38	311.43	98	24	12	17	38	140.58	43.47	89.30	104
24	6	38	38	534.10	-28.49	-16.56	96	24	9	29	38	343.05	98	24	12	20	38	149.82	53.02	100.56	104
24	6	41	38	541.92	-37.40	-11.59	96	24	9	32	38	385.17	98	24	12	23	38	166.73	60.68	117.68	104
24	6	44	38	542.65	-45.89	-3.99	97	24	9	35	38	421.60	98	24	12	26	38	190.25	64.76	134.34	104
24	6	47	38	530.10	-53.67	5.85	97	24	9	38	38	454.23	98	24	12	29	38	219.16	63.68	169.50	104
24	6	50	38	522.27	-60.14	20.06	97	24	9	41	38	483.01	98	24	12	32	38	252.17	58.15	169.38	104
24	6	53	38	501.43	-64.24	40.11	97	24	9	44	38	507.81	98	24	12	35	38	287.97	50.15	153.45	104
24	6	56	38	474.13	-64.67	64.06	97	24	9	47	38	525.39	98	24	12	38	38	325.27	41.02	146.18	104
24	6	59	38	441.21	-61.13	85.71	97	24	9	50	38	543.46	98	24	12	41	38	362.82	31.42	139.56	104
24	7	2	38	403.78	-54.66	101.58	97	24	9	53	38	542.70	98	24	12	44	38	399.44	21.67	134.44	104
24	7	5	38	363.27	-46.43	112.60	97	24	9	56	38	543.76	98	24	12	47	38	433.90	11.90	130.16	104
24	7	8	38	321.35	-37.14	120.51	97	24	9	59	38	531.51	98	24	12	50	38	465.19	2.20	128.31	104
24	7	11	38	279.88	-27.18	126.58	97	24	10	2	38	515.06	98	24	12	53	38	492.27	-7.39	122.57	104
24	7	14	38	240.80	-16.07	131.60	97	24	10	5	38	491.78	98	24	12	56	38	514.25	-16.08	118.69	104
24	7	17	38	205.05	-6.60	136.10	97	24	10	8	38	462.31	98	24	12	59	38	530.34	-26.08	114.36	104
24	7	20	38	177.34	4.96	140.48	97	24	10	11	38	427.59	98	24	13	2	38	539.91	-35.08	109.20	104
24	7	23	38	156.07	16.02	145.09	97	24	10	14	38	368.88	98	24	13	5	38	542.50	-43.70	102.61	105
24	7	26	38	143.18	27.03	150.40	97	24	10	17	38	343.66	98	24	13	8	38	537.84	-51.71	93.63	105
24	7	29	38	130.10	37.77	157.56	97	24	10	20	38	303.71	98	24	13	11	38	525.89	-58.61	80.75	105

24	13	14	38	506.84	-63.47	-62.27	105	500.90	-10.93	-169.42	108	278.31	52.29	105.08	112
24	13	17	38	481.18	-64.96	-58.83	105	520.73	-20.31	-165.41	108	315.81	43.37	115.29	112
24	13	20	38	449.65	-62.40	-16.00	105	534.42	-20.47	-160.82	108	353.36	33.85	123.44	112
24	13	23	38	413.30	-56.57	1.43	105	541.40	-46.78	-155.21	108	390.24	24.11	121.85	112
24	13	26	38	373.49	-48.71	13.54	105	511.27	-46.78	-147.87	109	425.29	14.34	132.30	112
24	13	29	38	331.81	-39.66	22.12	105	532.86	-54.46	-137.64	109	457.56	4.61	136.23	112
24	13	32	38	290.09	-19.84	38.58	105	519.21	-60.73	-122.82	109	485.56	-5.01	135.97	112
24	13	35	38	250.27	-19.52	24.16	105	497.62	-64.49	-102.14	109	508.82	-14.49	143.79	112
24	13	38	38	214.27	-8.84	38.42	105	469.66	-64.47	-78.11	109	526.38	-23.79	147.97	112
24	13	41	38	186.90	2.08	42.79	105	436.19	-60.53	-57.03	109	537.56	-32.86	152.88	112
24	13	44	38	160.65	13.13	47.31	105	398.39	-53.81	-41.77	109	541.87	-41.60	159.05	113
24	13	47	38	145.57	24.16	52.38	105	357.70	-45.43	-31.18	109	538.99	-49.79	167.31	113
24	13	50	38	139.24	35.00	58.61	105	315.81	-36.05	-23.53	109	528.81	-57.04	179.06	113
24	13	53	38	141.67	45.34	66.04	106	274.60	-15.55	-12.66	109	511.48	-62.53	-163.95	113
24	13	56	38	152.42	54.63	79.09	106	236.02	-7.77	-8.19	109	487.39	-64.97	-141.38	113
24	13	59	38	170.65	61.78	97.59	106	174.15	6.21	-3.81	109	457.24	-63.39	-117.76	113
24	14	2	38	195.27	64.97	123.37	106	153.90	17.28	0.86	109	421.99	-56.25	-98.85	113
24	14	5	38	225.04	62.93	149.90	106	142.11	28.26	6.28	109	382.93	-50.79	-85.58	113
24	14	8	38	250.66	56.80	169.56	106	139.11	38.96	13.15	109	341.60	-41.98	-69.39	113
24	14	11	38	294.82	48.51	-177.58	106	95.432	48.99	22.67	110	299.77	-32.32	-63.91	113
24	14	14	38	332.25	39.26	-168.92	106	144.76	57.64	36.87	110	259.35	-22.10	-63.91	113
24	14	17	38	369.70	29.62	-162.65	106	308.75	45.11	137.78	110	222.31	-11.50	-59.20	113
24	14	20	38	405.97	19.85	-157.73	106	346.30	35.67	145.38	110	190.48	-0.63	-54.80	113
24	14	23	38	439.92	10.08	-153.55	106	383.42	25.96	151.05	110	165.42	10.40	-50.36	113
24	14	26	38	470.49	0.40	-149.74	106	418.92	18.18	155.64	110	148.33	21.46	-45.47	113
24	14	29	38	496.67	-9.16	-146.00	106	451.68	6.44	159.64	110	139.89	32.37	-39.60	113
24	14	32	38	517.59	-18.57	-142.06	106	480.68	-3.20	163.39	110	140.24	42.87	-31.90	114
24	14	35	38	532.49	-27.78	-137.61	106	504.95	-12.71	167.18	110	149.05	52.49	-20.90	114
24	14	38	38	540.78	-36.72	-132.24	106	523.66	-20.05	171.27	110	165.55	60.30	-4.21	114
24	14	41	38	542.02	-45.25	-125.29	107	536.11	-31.17	176.01	110	188.72	64.65	20.94	114
24	14	44	38	535.99	-53.10	-115.71	107	541.76	-35.98	178.12	110	217.34	63.89	47.32	114
24	14	47	38	522.68	-59.71	-101.90	107	540.27	-43.30	170.34	111	250.11	58.57	68.92	114
24	14	50	38	502.36	-64.04	-82.30	107	536.11	-31.17	176.01	110	285.73	50.67	83.21	114
24	14	53	38	475.53	-64.79	-68.45	107	515.48	-61.68	143.50	111	322.92	41.59	97.70	114
24	14	56	38	443.02	-61.52	-36.42	107	492.63	-64.80	121.82	111	360.42	32.01	99.44	114
24	14	59	38	405.92	-55.23	-20.09	107	463.56	-64.00	109.87	111	431.58	22.26	104.63	114
24	15	2	38	365.64	-47.10	15.11	107	429.18	-52.44	97.87	111	463.00	12.48	108.94	114
24	15	5	38	323.82	-37.87	-0.68	107	390.72	-52.44	77.84	111	490.28	2.78	112.82	114
24	15	8	38	282.32	-27.95	5.50	107	369.68	-43.72	63.60	111	512.50	-6.82	116.55	114
24	15	11	38	243.09	-17.55	10.59	107	307.79	-34.20	46.44	111	528.87	-16.27	120.42	114
24	15	14	38	208.03	-6.81	15.11	107	266.94	-24.08	40.75	111	528.87	-25.54	124.71	114
24	15	17	38	178.91	4.14	19.48	107	229.09	-13.54	35.93	111	538.77	-34.55	129.81	114
24	15	20	38	157.13	15.20	24.07	107	196.12	-7.71	31.50	111	541.72	-34.55	132.21	115
24	15	23	38	143.69	26.21	29.30	107	189.66	8.30	27.09	111	537.44	-51.26	136.29	115
24	15	26	38	139.40	36.99	35.83	107	150.97	19.36	22.32	111	525.88	-58.25	145.10	115
24	15	29	38	143.07	47.18	44.73	108	140.84	30.32	16.69	111	507.21	-63.27	151.71	115
24	15	32	38	155.30	56.17	57.85	108	139.52	40.92	9.43	112	481.91	-63.27	157.85	115
24	15	35	38	174.81	62.73	77.79	108	146.76	50.76	0.79	112	450.70	-63.27	160.88	115
24	15	38	38	64.98	64.98	104.46	108	161.87	50.02	0.79	112	434.63	-63.27	163.83	115
24	15	41	38	231.08	62.03	130.05	108	189.66	64.19	39.05	112	414.63	-56.97	167.06	115
24	15	44	38	265.27	55.36	148.27	108	211.53	64.44	66.51	112	375.02	-60.19	170.42	115
24	15	47	38	301.75	46.83	160.16	108	243.62	59.84	89.57	112	333.46	-60.19	175.85	115
24	15	50	38	379.27	37.47	188.26	108	139.52	40.92	9.43	112	291.76	-60.19	180.88	115
24	15	53	38	376.57	27.79	174.22	108	146.76	50.76	0.79	112	271.76	-60.19	183.83	115
24	15	56	38	412.47	18.02	178.96	108	161.87	50.02	0.79	112	251.86	-60.19	187.10	115
24	15	59	38	445.86	8.27	176.95	108	211.53	64.44	66.51	112	215.69	-60.19	190.42	115
24	16	2	38	475.65	-1.40	-173.18	108	243.62	59.84	89.57	112	185.06	-60.19	193.83	115
24	16	5	38	475.65	-1.40	-173.18	108	243.62	59.84	89.57	112	161.47	-60.19	197.24	115
24	16	8	38	475.65	-1.40	-173.18	108	243.62	59.84	89.57	112	139.26	-60.19	200.65	115

PERIOD	95.423	24	21	50	38	141.28	44.79	-54.24	116	25	0	41	38	275.86	-26.50	-138.50	119	25	3	32	38	511.36	-62.36	74.65	123
24	21	50	38	141.28	44.79	-54.24	116	25	0	41	38	275.86	-26.50	-138.50	119	25	3	32	38	511.36	-62.36	74.65	123		
24	21	53	38	151.63	54.16	-42.37	116	25	0	47	38	203.00	-5.27	-129.04	119	25	3	35	38	487.52	-64.95	97.05	123		
24	21	56	38	161.51	61.46	-24.29	116	25	0	50	38	174.95	-5.71	-124.66	119	25	3	41	38	457.59	-63.52	120.77	123		
24	21	59	38	192.81	64.93	1.18	116	25	0	53	38	154.42	16.77	-120.01	119	25	3	44	38	422.54	-58.49	130.91	123		
24	22	2	38	223.32	63.17	27.93	116	25	0	56	38	142.31	27.77	-114.63	119	25	3	47	38	383.63	-51.10	153.37	123		
24	22	5	38	256.73	57.21	48.02	116	25	0	59	38	138.99	37.48	-107.85	119	25	3	50	38	342.41	-42.32	162.79	123		
24	22	8	38	292.74	49.00	61.19	116	25	0	62	38	134.31	48.55	-98.49	120	25	3	53	38	300.64	-32.68	175.27	123		
24	22	11	38	330.07	39.79	70.02	116	25	1	2	38	144.31	57.29	-84.56	120	25	3	56	38	260.22	-22.48	175.27	123		
24	22	14	38	367.48	30.16	76.40	116	25	1	5	38	157.68	63.36	-73.50	120	25	3	59	38	223.11	-11.89	175.27	123		
24	22	17	38	402.76	20.39	81.37	116	25	1	8	38	178.18	63.36	-63.50	120	25	4	62	38	191.14	-1.02	175.27	123		
24	22	20	38	437.78	10.62	85.58	116	25	1	11	38	204.63	64.87	-56.37	120	25	4	65	38	165.91	10.00	175.27	123		
24	22	23	38	468.47	0.93	89.40	116	25	1	14	38	235.79	61.26	-41.65	120	25	4	68	38	148.61	21.06	166.29	123		
24	22	26	38	494.83	-8.64	93.14	116	25	1	17	38	270.34	54.23	-33.72	120	25	4	71	38	139.93	31.98	166.29	123		
24	22	29	38	515.97	-18.06	97.07	116	25	1	20	38	306.99	45.53	-26.41	120	25	4	74	38	120.03	42.50	152.85	124		
24	22	32	38	531.14	-27.28	101.48	116	25	1	23	38	344.46	36.11	-24.44	120	25	4	77	38	146.59	52.16	142.01	124		
24	22	35	38	539.73	-36.24	106.79	116	25	1	26	38	381.55	26.41	-20.18	120	25	4	80	38	164.87	60.07	125.58	124		
24	22	38	541.30	-44.80	113.03	117	116	25	1	29	38	417.06	16.63	-16.83	120	25	4	83	38	187.83	64.58	-101.58	124		
24	22	41	38	535.61	-52.70	123.03	117	25	1	32	38	449.89	6.89	-12.76	120	25	4	86	38	216.27	64.01	-74.23	124		
24	22	44	38	522.66	-59.40	136.58	117	25	1	35	38	478.98	-12.76	-42.58	120	25	4	89	38	248.89	58.82	-52.36	124		
24	22	47	38	505.68	-63.89	155.87	117	25	1	38	38	503.40	-12.28	-46.36	120	25	4	92	38	284.39	50.98	-37.84	124		
24	22	50	38	476.18	-64.85	179.64	117	25	1	41	38	522.29	-21.63	-50.43	120	25	4	95	38	321.48	41.93	-28.22	124		
24	22	53	38	443.96	-61.78	158.08	117	25	1	44	38	534.96	-30.77	-55.13	120	25	4	98	38	358.92	32.36	-21.41	124		
24	22	56	38	407.10	-55.61	141.45	117	25	1	47	38	540.86	-33.59	-60.94	120	25	4	101	38	395.50	22.61	-16.18	124		
24	22	59	38	367.00	-47.55	129.21	117	25	1	50	38	539.63	-47.94	-68.62	121	25	4	104	38	430.06	12.84	-11.84	124		
24	23	2	38	325.28	-28.47	121.68	117	25	1	53	38	531.12	-55.47	-79.40	121	25	4	107	38	461.52	3.12	-7.95	124		
24	23	5	38	283.79	-28.47	115.43	117	25	1	56	38	515.41	-61.47	-95.04	121	25	4	110	38	488.87	-6.48	-4.22	124		
24	23	8	38	244.47	-18.09	110.30	117	25	1	59	38	482.83	-64.74	-116.51	121	25	4	113	38	511.20	-15.94	-0.36	124		
24	23	11	38	209.25	-7.36	105.75	117	25	2	62	38	464.02	-64.12	-140.51	121	25	4	116	38	527.71	-25.21	3.01	124		
24	23	14	38	175.88	3.58	101.38	117	25	2	65	38	429.87	-59.69	-160.79	121	25	4	119	38	537.78	-34.24	8.98	124		
24	23	17	38	157.80	14.66	96.82	117	25	2	68	38	391.60	-52.67	-175.26	121	25	4	122	38	540.91	-42.91	15.40	124		
24	23	20	38	144.00	25.66	91.63	117	25	2	71	38	350.68	-44.10	-174.68	121	25	5	125	38	536.83	-51.00	24.11	125		
24	23	23	38	138.96	36.45	85.18	117	25	2	74	38	308.85	-34.61	-167.34	121	25	5	128	38	525.48	-58.04	36.56	125		
24	23	26	38	142.64	46.69	76.44	118	25	2	77	38	288.00	-24.51	-161.60	121	25	5	131	38	507.04	-63.15	54.51	125		
24	23	29	38	154.51	55.76	63.60	118	25	2	80	38	230.08	-13.98	-156.75	121	25	5	134	38	481.94	-65.00	77.68	125		
24	23	32	38	173.72	62.49	44.05	118	25	2	83	38	196.96	-13.15	-152.32	121	25	5	137	38	450.93	-62.79	100.85	125		
24	23	35	38	199.12	65.00	17.60	118	25	2	86	38	170.29	7.85	-147.92	121	25	5	140	38	415.03	-57.19	118.83	125		
24	23	38	229.47	62.29	8.28	118	118	25	2	89	38	131.36	18.91	-143.17	121	25	5	143	38	375.55	-49.47	131.35	125		
24	23	41	38	263.48	55.76	26.87	118	25	2	92	38	140.95	23.88	-137.58	121	25	5	146	38	334.09	-40.49	140.18	125		
24	23	44	38	295.83	47.29	39.02	118	25	2	95	38	139.34	40.50	-130.41	121	25	5	149	38	292.44	-30.73	146.79	125		
24	23	47	38	333.26	37.96	47.17	118	25	2	98	38	146.29	50.38	-120.35	122	25	5	152	38	252.53	-20.44	152.12	125		
24	23	50	38	374.52	28.29	53.31	118	25	2	101	38	161.14	58.73	-105.22	122	25	5	155	38	216.30	-9.78	156.76	125		
24	23	53	38	410.44	18.51	58.10	118	25	2	104	38	182.88	64.06	-82.66	122	25	5	158	38	185.56	-0.78	161.14	125		
24	23	56	38	443.89	8.76	62.20	118	25	2	107	38	210.35	64.06	-55.22	122	25	5	161	38	161.14	1.13	161.14	125		
24	23	59	38	473.80	-0.91	65.99	118	25	2	110	38	242.26	60.10	-31.86	122	25	5	164	38	151.82	12.17	165.62	125		
24	23	62	38	499.21	-10.46	69.74	118	25	2	113	38	277.31	52.64	-16.37	122	25	5	167	38	146.18	23.22	170.63	125		
24	23	65	38	530.24	-19.84	73.74	118	25	2	116	38	314.21	43.75	-15.70	122	25	5	170	38	139.24	34.08	176.73	125		
24	23	68	38	563.17	-29.02	78.28	118	25	2	119	38	331.69	34.25	-10.52	122	25	5	173	38	141.05	44.48	-175.17	126		
24	23	71	38	596.00	-37.92	83.83	118	25	2	122	38	388.54	24.51	7.02	122	25	5	176	38	151.20	53.89	-163.45	126		
24	23	74	38	628.60	-46.38	91.07	119	25	2	125	38	432.60	14.74	11.49	122	25	5	179	38	168.88	61.28	-145.60	126		
24	23	77	38	661.11	-54.11	101.13	119	25	2	128	38	455.77	5.01	15.44	122	25	5	182	38	193.02	64.89	-120.32	126		
24	23	80	38	693.51	-60.48	115.69	119	25	2	131	38	484.01	-4.62	19.18	122	25	5	185	38	225.65	57.44	-93.46	126		
24	23	83	38	725.91	-64.39	136.10	119	25	2	134	38	507.40	-14.11	22.99	122	25	5	188	38	259.15	49.28	-73.12	126		
24	23	86	38	758.31	-68.33	160.12	119	25	2	137	38	535.12	-23.42	27.16	122	25	5	191	38	291.55	49.28	-59.78	126		
24	23	89	38	790.72	-72.37	178.54	119	25	2	140	38	563.50	-32.51	32.03	122	25	5	194	38	328.80	40.08	-50.84	126		
24	23	92	38	823.13	-76.42	196.96	119	25	2	143	38	596.50	-41.26	36.13	123	25	5	197	38	366.15	30.46	-44.41	126		
24	23	95	38	855.54	-80.57	215.37	119	25	2	146	38	628.91	-50.48	40.30	123	25	5	200	38	402.40	20.70	-39.40	126		
24	23	98	38	887.95	-84.72	234.79	119	25	2	149	38	661.31	-59.78	45.38	123	25	5	203	38	436.43	10.93	-35.18	126		
24	23	101	38	920.36	-88.97	254.21	119	25	2	152	38	693.72	-69.07	50.38	123	25	5	206	38	470.86	1.23	-31.34	126		
24	23	104	38	952.77	-93.22	273.63	119	25	2	155	38	726.13	-78.36	55.78	123	25									

25	6	23	38	493.56	-8.34	-27.60	126	25	9	14	38	269.56	54.41	-115.42	130	PERIOD	95.397	139.93	42.38	86.43	134
25	6	26	38	514.79	-17.77	-23.69	126	25	9	17	38	306.12	45.73	-104.10	130	25	12	8	38	97.22	134
25	6	29	38	530.07	-27.00	-23.69	126	25	9	20	38	343.53	36.32	-96.33	130	25	12	11	38	52.06	134
25	6	32	38	538.79	-35.97	-14.02	126	25	9	23	38	380.56	26.62	-90.55	130	25	12	14	38	164.67	134
25	6	35	38	540.52	-44.55	-7.23	127	25	9	26	38	416.03	16.84	-85.91	130	25	12	17	38	187.57	134
25	6	38	38	535.00	-52.48	2.08	127	25	9	29	38	448.84	7.09	-81.88	130	25	12	20	38	215.94	134
25	6	41	38	522.23	-59.23	15.48	127	25	9	32	38	477.93	-2.56	-78.12	130	25	12	23	38	248.50	134
25	6	44	38	502.43	-63.81	34.61	127	25	9	35	38	502.37	-12.08	-74.34	130	25	12	26	38	283.93	134
25	6	47	38	476.11	-64.88	58.32	127	25	9	38	38	521.30	-21.44	-70.28	130	25	12	29	38	320.95	134
25	6	50	38	444.05	-61.91	80.74	127	25	9	41	38	534.03	-30.58	-65.60	130	25	12	32	38	358.32	134
25	6	53	38	407.34	-55.81	97.54	127	25	9	44	38	540.01	-39.42	-59.81	130	25	12	35	38	394.84	134
25	6	56	38	367.35	-47.79	109.20	127	25	9	47	38	538.87	-47.78	-52.18	131	25	12	38	38	429.34	134
25	6	59	38	325.12	-38.62	117.50	127	25	9	50	38	530.46	-55.33	-41.47	131	25	12	41	38	468.07	134
25	7	2	38	284.27	-28.74	123.80	127	25	9	53	38	514.86	-61.37	-25.94	131	25	12	44	38	488.07	134
25	7	5	38	244.95	-18.37	128.95	127	25	9	56	38	492.41	-64.72	19.46	131	25	12	47	38	510.37	134
25	7	8	38	209.59	-7.65	133.50	127	25	9	59	38	463.71	-64.72	19.46	131	25	12	50	38	526.88	134
25	7	11	38	180.23	3.29	137.87	127	25	10	2	38	429.67	-59.80	39.86	131	25	12	53	38	536.94	134
25	7	14	38	158.03	14.35	142.43	127	25	10	5	38	391.50	-52.81	54.42	131	25	12	56	38	540.09	134
25	7	17	38	144.09	25.37	147.60	127	25	10	8	38	350.67	-44.27	64.55	131	25	12	59	38	524.72	134
25	7	20	38	138.89	36.18	154.00	127	25	10	11	38	308.91	-34.78	71.93	131	25	12	62	38	506.33	134
25	7	23	38	142.40	46.43	162.66	128	25	10	14	38	268.10	-24.68	77.69	131	25	12	65	38	481.29	134
25	7	26	38	154.12	55.55	175.36	128	25	10	17	38	230.20	-14.16	82.55	131	25	12	68	38	450.34	134
25	7	29	38	172.16	63.36	-165.29	128	25	10	20	38	197.08	-3.34	86.99	131	25	12	71	38	414.50	134
25	7	32	38	198.43	65.00	-138.96	128	25	10	23	38	170.38	7.67	91.39	131	25	12	74	38	375.09	134
25	7	35	38	228.65	62.42	-112.95	128	25	10	26	38	151.40	18.73	96.13	131	25	12	77	38	332.70	134
25	7	38	38	262.54	55.96	-94.15	128	25	10	29	38	140.92	29.70	101.70	131	25	12	80	38	292.12	134
25	7	41	38	298.80	47.53	-81.87	128	25	10	32	38	139.24	40.33	108.84	131	25	12	83	38	252.27	134
25	7	44	38	336.15	38.21	-73.55	128	25	10	35	38	146.10	50.23	118.83	132	25	12	86	38	216.10	134
25	7	47	38	372.36	28.55	-67.46	128	25	10	38	38	160.86	58.62	133.85	132	25	12	89	38	185.40	134
25	7	50	38	409.25	18.77	-58.52	128	25	10	41	38	182.52	64.01	156.29	132	25	12	92	38	161.70	134
25	7	53	38	442.69	9.01	-46.79	129	25	10	44	38	209.90	54.57	-176.29	132	25	12	95	38	146.09	134
25	7	56	38	472.61	-0.66	-34.73	128	25	10	47	38	241.73	60.21	-152.81	132	25	12	98	38	139.16	134
25	7	59	38	498.06	-10.21	-50.98	128	25	10	50	38	276.69	52.78	-136.90	132	25	12	101	38	140.97	136
25	8	2	38	518.16	-18.60	-47.00	128	25	10	53	38	313.51	43.90	-126.46	132	25	12	104	38	151.11	136
25	8	5	38	532.18	-28.79	-42.47	128	25	10	56	38	350.92	34.41	-119.18	132	25	12	107	38	168.77	136
25	8	8	38	539.54	-37.70	-36.95	129	25	10	59	38	387.72	24.68	-113.68	132	25	12	110	38	192.87	136
25	8	11	38	532.88	-53.93	-19.79	129	25	11	2	38	422.73	14.90	-109.20	132	25	12	113	38	222.19	136
25	8	14	38	518.69	-60.35	-5.36	129	25	11	5	38	454.86	5.17	-105.25	132	25	12	116	38	255.91	136
25	8	17	38	497.56	-64.34	14.93	129	25	11	8	38	483.09	-4.46	-101.50	132	25	12	119	38	291.26	136
25	8	20	38	436.96	-60.92	38.94	129	25	11	11	38	506.48	-13.95	-97.69	132	25	12	122	38	328.44	136
25	8	23	38	399.50	-54.35	76.07	129	25	11	14	38	524.21	-23.27	-93.53	132	25	12	125	38	365.72	136
25	8	26	38	359.05	-46.05	86.93	129	25	11	17	38	535.62	-32.36	-88.67	132	25	12	128	38	401.90	136
25	8	29	38	317.32	-36.72	94.74	129	25	11	20	38	540.19	-41.13	-82.59	133	25	12	131	38	466.51	136
25	8	32	38	276.15	-26.73	100.76	129	25	11	23	38	527.74	-49.37	-74.47	133	25	12	134	38	514.94	136
25	8	35	38	237.50	-16.27	105.76	129	25	11	26	38	510.74	-56.68	-62.95	133	25	12	137	38	529.28	136
25	8	38	38	203.27	-5.50	110.25	129	25	11	29	38	486.98	-64.94	-46.26	133	25	12	140	38	539.69	136
25	8	41	38	175.17	5.47	114.62	129	25	11	32	38	457.14	-63.57	-23.91	133	25	12	143	38	549.43	136
25	8	44	38	154.55	16.53	119.26	129	25	11	35	38	422.18	-58.58	19.08	133	25	12	146	38	577.98	136
25	8	47	38	142.33	27.54	124.62	129	25	11	38	38	383.36	-51.21	32.61	133	25	12	149	38	604.51	136
25	8	50	38	138.89	38.26	131.36	129	25	11	41	38	342.21	-42.44	42.08	133	25	12	152	38	634.17	136
25	8	53	38	144.09	48.35	140.65	130	25	11	44	38	300.14	-30.81	49.06	133	25	12	155	38	659.29	136
25	8	56	38	171.34	57.13	154.46	130	25	11	47	38	260.14	-22.61	54.59	133	25	12	158	38	684.79	136
25	8	59	38	157.31	63.27	157.31	130	25	11	50	38	223.06	-12.02	59.34	133	25	12	161	38	709.29	136
25	9	2	38	175.35	62.27	157.35	130	25	11	53	38	191.12	-1.15	63.74	133	25	12	164	38	734.79	136
25	9	5	38	204.06	64.89	-157.59	130	25	11	56	38	165.89	9.87	68.17	133	25	12	167	38	759.79	136
25	9	8	38	235.11	61.38	-132.73	130	25	11	59	38	148.57	20.93	73.03	133	25	12	170	38	784.79	136
25	9	11	38					25	12	2	38	139.86	31.85	78.84	133	25	12	173	38	809.79	136
25	9	14	38					25	12	5	38	119.86				25	12	176	38	834.79	136
25	9	17	38					25	12	8	38	99.86				25	12	179	38	859.79	136
25	9	20	38					25	12	11	38	79.86				25	12	182	38	884.79	136
25	9	23	38					25	12	14	38	59.86				25	12	185	38	909.79	136
25	9	26	38					25	12	17	38	39.86				25	12	188	38	934.79	136
25	9	29	38					25	12	20	38	19.86				25	12	191	38	959.79	136
25	9	32	38					25	12	23	38	9.86				25	12	194	38	984.79	136
25	9	35	38					25	12	26	38	-10.14				25	12	197	38	1009.79	136
25	9	38	38					25	12	29	38	-30.14				25	12	200	38	1034.79	136
25	9	41	38					25	12	32	38	-60.14				25	12	203	38	1059.79	136
25	9	44	38					25	12	35	38	-90.14				25	12	206	38	1084.79	136
25	9	47	38					25	12	38	38	-120.14				25	12	209	38	1109.79	136
25	9	50	38					25													

25	14	59	38	283.77	-28.77	3.17	137	-28.77	3.17	137	25	17	50	38	513.85	-61.42	-146.66	141	25	20	41	38	487.87	-6.49	114.57	144	
25	15	2	38	244.52	-18.59	8.33	137	-18.59	8.33	137	25	17	53	38	491.35	-64.72	-125.04	141	25	20	44	38	510.01	-15.95	118.83	144	
25	15	5	38	209.33	-7.68	12.89	137	-7.68	12.89	137	25	17	56	38	462.63	-64.15	-101.01	141	25	20	47	38	526.36	-25.23	122.71	144	
25	15	8	38	179.96	3.27	17.26	137	3.27	17.26	137	25	17	59	38	428.59	-59.77	-80.64	141	25	20	50	38	536.26	-34.26	127.78	144	
25	15	11	38	157.83	14.32	21.81	137	14.32	21.81	137	25	18	2	38	390.44	-52.76	-66.10	141	25	20	53	38	539.25	-42.94	134.21	145	
25	15	14	38	143.95	25.35	26.98	137	25.35	26.98	137	25	18	5	38	349.65	-44.21	-56.00	141	25	20	56	38	535.05	-51.03	142.94	145	
25	15	17	38	138.81	36.15	33.38	137	36.15	33.38	137	25	18	8	38	307.96	-34.71	-48.63	141	25	20	59	38	523.60	-58.07	142.94	145	
PERIOD	95.391										25	18	11	38	267.24	-24.61	-42.87	141	25	21	2	38	505.08	-63.16	173.60	145	
25	15	20	38	142.36	46.41	42.03	138	46.41	42.03	138	25	18	14	38	229.46	-14.08	-38.01	141	25	21	5	38	479.95	-65.00	-163.39	145	
25	15	23	38	54.72	55.53	54.72	138	55.53	54.72	138	25	18	17	38	196.46	-33.58	-33.58	141	25	21	8	38	448.93	-62.76	-140.22	145	
25	15	26	38	173.16	62.35	74.05	138	62.35	74.05	138	25	18	20	38	169.91	7.75	-29.18	141	25	21	11	38	412.06	-57.14	-122.27	145	
25	15	29	38	198.41	65.00	100.37	138	65.00	100.37	138	25	18	23	38	151.08	18.81	-24.43	141	25	21	14	38	373.65	-49.40	-109.77	145	
25	15	32	38	228.61	62.83	126.39	138	62.83	126.39	138	25	18	26	38	140.75	29.78	-18.86	141	25	21	17	38	332.30	-40.41	-100.96	145	
25	15	35	38	262.47	55.58	145.21	138	55.58	145.21	138	25	18	29	38	136.20	40.41	-11.70	141	25	21	20	38	290.80	-20.34	-94.36	145	
25	15	38	38	298.67	47.55	157.50	138	47.55	157.50	138	PERIOD	95.385								25	21	23	38	251.08	-20.34	-89.04	145
25	15	41	38	335.96	38.24	185.83	138	38.24	185.83	138	25	18	32	38	146.18	50.30	-1.68	142	25	21	26	38	215.08	-9.67	-84.60	145	
25	15	44	38	373.09	28.57	171.92	138	28.57	171.92	138	25	18	35	38	161.02	58.67	13.39	142	25	21	29	38	184.58	1.24	-80.02	145	
25	15	47	38	408.90	18.79	176.74	138	18.79	176.74	138	25	18	38	38	182.75	64.04	35.88	142	25	21	32	38	161.10	12.29	-75.53	145	
25	15	50	38	442.26	9.04	-179.14	138	9.04	-179.14	138	25	18	41	38	210.16	64.56	63.31	142	25	21	35	38	145.72	23.33	-70.52	145	
25	15	53	38	472.10	-0.64	-175.35	138	-0.64	-175.35	138	25	18	44	38	242.00	60.16	86.74	142	25	21	38	38	139.01	34.19	-64.91	145	
25	15	56	38	497.47	-10.19	-171.60	139	-10.19	-171.60	139	25	18	47	38	276.94	52.72	102.59	142	PERIOD	95.379							
25	15	59	38	517.49	-19.59	-167.61	139	-19.59	-167.61	139	25	18	50	38	313.71	43.84	113.00	142	25	21	41	38	141.04	44.58	-56.28	146	
25	16	2	38	531.44	-28.78	-163.08	138	-28.78	-163.08	138	25	18	53	38	351.06	34.34	120.27	142	25	21	44	38	151.37	53.98	-44.51	146	
25	16	5	38	538.74	-37.59	-157.56	138	-37.59	-157.56	138	25	18	56	38	387.77	24.61	125.75	142	25	21	47	38	159.17	61.34	-26.58	146	
25	16	8	38	538.99	-46.17	-150.38	139	-46.17	-150.38	139	25	18	59	38	425.68	14.83	130.23	142	25	21	50	38	132.38	64.90	-1.24	146	
25	16	11	38	531.99	-53.92	-140.40	139	-53.92	-140.40	139	25	19	2	38	454.69	5.10	134.18	142	25	21	53	38	222.76	63.26	25.58	146	
25	16	14	38	517.78	-60.35	-125.97	139	-60.35	-125.97	139	25	19	5	38	482.79	-14.54	137.93	142	25	21	56	38	256.02	57.37	45.83	146	
25	16	17	38	496.63	-64.34	-105.67	139	-64.34	-105.67	139	25	19	8	38	506.05	-14.03	141.74	142	25	21	59	38	291.85	49.19	59.12	146	
25	16	20	38	469.11	-64.60	-81.65	139	-64.60	-81.65	139	25	19	11	38	523.65	-23.35	145.90	142	25	22	2	38	328.98	39.99	68.03	146	
25	16	23	38	436.06	-60.31	-60.18	139	-60.31	-60.18	139	25	19	14	38	534.93	-32.44	150.77	142	25	22	5	38	366.17	30.37	74.44	146	
25	16	26	38	398.62	-54.34	-44.52	139	-54.34	-44.52	139	25	19	17	38	533.38	-41.20	156.87	143	25	22	8	38	402.25	20.60	79.44	146	
25	16	29	38	358.23	-36.04	-33.66	139	-36.04	-33.66	139	25	19	20	38	536.68	-49.44	165.02	143	25	22	11	38	436.07	10.83	83.66	146	
25	16	32	38	316.56	-36.70	-25.85	139	-36.70	-25.85	139	25	19	23	38	526.71	-56.75	176.58	143	25	22	14	38	466.56	1.13	87.49	146	
25	16	35	38	275.47	-26.70	-19.83	139	-26.70	-19.83	139	25	19	26	38	509.62	-62.34	-166.66	143	25	22	17	38	492.75	-8.45	91.23	146	
25	16	38	38	236.91	-16.25	-14.84	139	-16.25	-14.84	139	25	19	29	38	488.79	-64.95	-144.26	143	25	22	20	38	513.74	-17.87	95.15	146	
25	16	41	38	202.78	-5.48	-10.35	139	-5.48	-10.35	139	25	19	32	38	455.90	-63.53	-120.52	143	25	22	23	38	528.79	-27.11	99.55	146	
25	16	44	38	174.79	5.50	-5.97	139	5.50	-5.97	139	25	19	35	38	420.92	-58.51	-101.34	143	25	22	26	38	537.89	-36.08	104.85	146	
25	16	47	38	154.28	16.57	-1.33	139	16.57	-1.33	139	25	19	38	38	382.11	-51.11	-87.86	143	25	22	29	38	538.81	-44.66	111.67	147	
25	16	50	38	142.17	27.57	4.03	139	27.57	4.03	139	25	19	41	38	341.01	-42.33	-78.43	143	25	22	32	38	533.11	-52.58	121.02	147	
25	16	53	38	138.82	38.59	10.78	139	38.59	10.78	139	25	19	44	38	299.37	-32.69	-71.47	143	25	22	35	38	520.17	-59.31	134.50	147	
PERIOD	95.389										25	19	47	38	259.11	-22.49	-65.94	143	25	22	38	38	500.25	-63.85	153.73	147	
25	16	56	38	144.10	48.38	20.08	140	48.38	20.08	140	25	19	50	38	222.17	-11.89	-61.20	143	25	22	41	38	473.83	-64.87	177.50	147	
25	16	59	38	157.41	57.15	33.90	140	57.15	33.90	140	25	19	53	38	190.39	-1.02	-56.80	143	25	22	44	38	441.72	-61.84	-160.14	147	
25	17	2	38	177.82	63.28	54.81	140	63.28	54.81	140	25	19	56	38	163.35	10.01	-52.37	143	25	22	47	38	405.01	-55.69	-143.42	147	
25	17	5	38	204.18	64.99	81.88	140	64.99	81.88	140	25	19	59	38	146.22	21.07	-47.50	143	25	22	50	38	365.08	-47.63	-131.83	147	
25	17	8	38	235.22	61.37	106.72	140	61.37	106.72	140	25	20	2	38	139.70	31.99	-41.67	143	25	22	53	38	323.55	-38.45	-123.57	147	
25	17	11	38	269.65	54.59	124.01	140	54.59	124.01	140	25	20	5	38	248.93	50.82	-41.67	143	25	22	56	38	282.28	-28.55	-117.30	147	
25	17	14	38	306.15	45.71	135.32	140	45.71	135.32	140	PERIOD	95.383								25	22	59	38	243.19	-18.16	-112.16	147
25	17	17	38	342.50	36.30	143.08	140	36.30	143.08	140	25	20	8	38	139.94	42.51	-34.06	144	25	22	62	38	248.20	-18.16	-112.16	147	
25	17	20	38	380.45	26.59	148.85	140	26.59	148.85	140	25	20	11	38	146.60	52.17	-23.22	144	25	22	65	38	208.20	-7.44	-107.61	147	
25	17	23	38	415.83	16.82	153.50	140	16.82	153.50	140	25	20	14	38	187.94	64.58	-6.78	144	25	22	68	38	179.05	3.51	-103.24	147	
25	17	26	38	448.54	7.07	157.52	140	7.07	157.52	140	25	20	17	38	216.36	64.01	17.22	144	25	22	71	38	157.19	14.57	-98.67	147	
25	17	29	38	477.53	-2.59	161.29	140	-2.59	161.29	140	25	20	20	38	248.93	50.82	44.56	144	25	22	74	38	143.58	25.60	-93.49	147	
25	17	32	38	501.86	-12.11	165.06																					